



ABUNDANCE, AGE, SEX, AND SIZE OF SOCKEYE SALMON (Oncorhynchus nerka
Walbaum) CATCHES AND ESCAPEMENTS IN SOUTHEASTERN ALASKA IN 1985

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Division of Commercial Fisheries
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ABSTRACT

Catch statistics, escapement estimates, and age, sex, and size data for sockeye salmon (*Oncorhynchus nerka* Walbaum) catches and escapements in Southeastern Alaska in 1985, excluding the inshore districts of the Yakutat management area, are summarized. A total of 1,627,798 sockeye salmon were commercially harvested in Southeastern Alaska in 1985. Approximately 69% of the catch came from southern Southeastern Alaska waters (Districts 101-108). The drift gillnet and purse seine fleets harvested the vast majority of sockeye salmon; 54% and 44%, respectively. Gillnet catches were highest in District 115, where 304,006 sockeye salmon were taken. Purse seine catches were highest in District 104, where 431,575 fish were harvested. Small numbers of sockeye salmon were also taken in commercial fish trap and troll fisheries, Canadian commercial gillnet and subsistence fisheries on the Taku and Stikine Rivers as well as by sport and subsistence fishermen. Five-year-old sockeye salmon (1980 brood year) were the dominant age group taken by the gillnet fleet. The average age of the purse seine harvest was younger and the age composition more variable than for sockeye salmon harvested in the gillnet fisheries. Four- and five-year-old (1981 and 1980 brood years) sockeye salmon were the dominant age groups caught in most purse seine fisheries, although six-year-old (1979 brood year) fish predominated in the Excursion Inlet (District 114-80) harvest. Large shifts in the age composition of the catch were apparent in all gillnet and purse seine districts for which data could be stratified by sample period. No large-scale trends in average length were apparent within either the gillnet or purse seine fisheries, although females were generally shorter than males within specific age classes. Escapement estimates and peak survey counts are listed for all sockeye salmon spawning systems in the region in which at least 25 fish seen. Escapements of 173,833 and 103,888 sockeye salmon, respectively, were estimated for the McDonald Lake and Taku River drainages, using mark-recapture methods. Escapement estimates for the Stikine River were based on scale, egg diameter, and a combination of electrophoretic, brain-parasite, and age composition data and varied from 126,000 to 198,000. Chilkoot, Tahltan, and Chilkat Lakes were weired and each recorded escapements in excess of 50,000 sockeye salmon. A total of 34,333 and 31,564 sockeye salmon returned through the weirs at Salmon Bay and Karta Lakes, respectively. Fewer than 15,000 sockeye salmon passed through weirs at each of the Little Trapper, Little Tatsamenie, Hugh Smith, Redoubt, Crescent, Speel, Falls, and Auke Lake, and Hackett River weirs. The 1980 brood year (primarily age 1.3 fish) predominated in most of the 52 escapement collections. Contributions of the 1979 and 1981 brood years to escapements were, however, important for many systems. Migratory timing of sockeye salmon through the 14 weirs in the region revealed a highly variable pattern both in the mean dates and variances of the returns.

KEY WORDS; Southeastern Alaska, sockeye salmon, *Oncorhynchus nerka*, biological sampling, and catch and escapement.

INTRODUCTION

Sockeye salmon (*Oncorhynchus nerka* Walbaum) have been harvested commercially in Southeastern Alaska since the 1880's. Annual catches peaked early in the history of the fishery, averaging 2.1 million sockeye salmon annually between 1896 and 1920 (ADF&G 1985). Several periods of sharp declines in catches in the region were experienced over the next 30 years. From 1951 through 1980 catches remained fairly stable, averaging 803,000 fish annually. Catches have sharply increased over the last 5 years, averaging almost 1.3 million fish.

Commercial purse seine and gillnet fleet currently harvest the vast majority of sockeye salmon taken in Southeastern Alaska. Lesser numbers of fish are harvested commercially with fish traps and in the troll fishery. Almost without exception these fisheries harvest mixed stocks and species. Sockeye salmon are also harvested in subsistence and sport fisheries in Southeastern Alaska. Though these catches are minor when compared to commercial harvests, exploitation rates are often high on individual stocks. Canadian commercial gillnet fisheries have operated in the Canadian reaches of the Stikine and Taku Rivers since 1975. In excess of 100 systems (rivers or streams and their associated lakes) are known to produce sockeye salmon in Southeastern Alaska.

This report documents the available data on the numbers, age, sex, and size composition of the harvest and escapement of sockeye salmon in Southeastern Alaska in 1985. Total commercial sockeye salmon catches are presented by gear type, district, and statistical week. The sex and age compositions of catch samples are extrapolated to the commercial catches, resulting in estimates of total district (and in some cases subdistrict) commercial catches by age and sex. Mean lengths of the catch samples are also presented by age and sex. Weirs, mark-recapture studies, and stock identification data were used to assess escapements to 17 spawning systems in Southeastern Alaska and the Canadian reaches of the Stikine and Taku Rivers. Peak aerial, foot, and boat surveys of many of the other sockeye salmon systems in the region are listed. Sex, age, and length statistics are presented for most of the spawning systems. Migratory timing characteristics of 14 populations of sockeye salmon passing through weirs are also described. Data are summarized in the body of this report. More detailed information is presented in the Appendix.

METHODS

Study Area Description

The study area consists of outside coastal waters of Southeastern Alaska extending south from Cape Suckling to Cape Fairweather, and both inside and outside waters extending south from Cape Fairweather to Dixon Entrance (Figure 1). The area is divided into eighteen coastal districts (101 through 116, 182, and 183) and six offshore districts (152, 154, 157, 181, and 189). Inshore district net fisheries and escapements in the Yakutat management area are reported elsewhere.

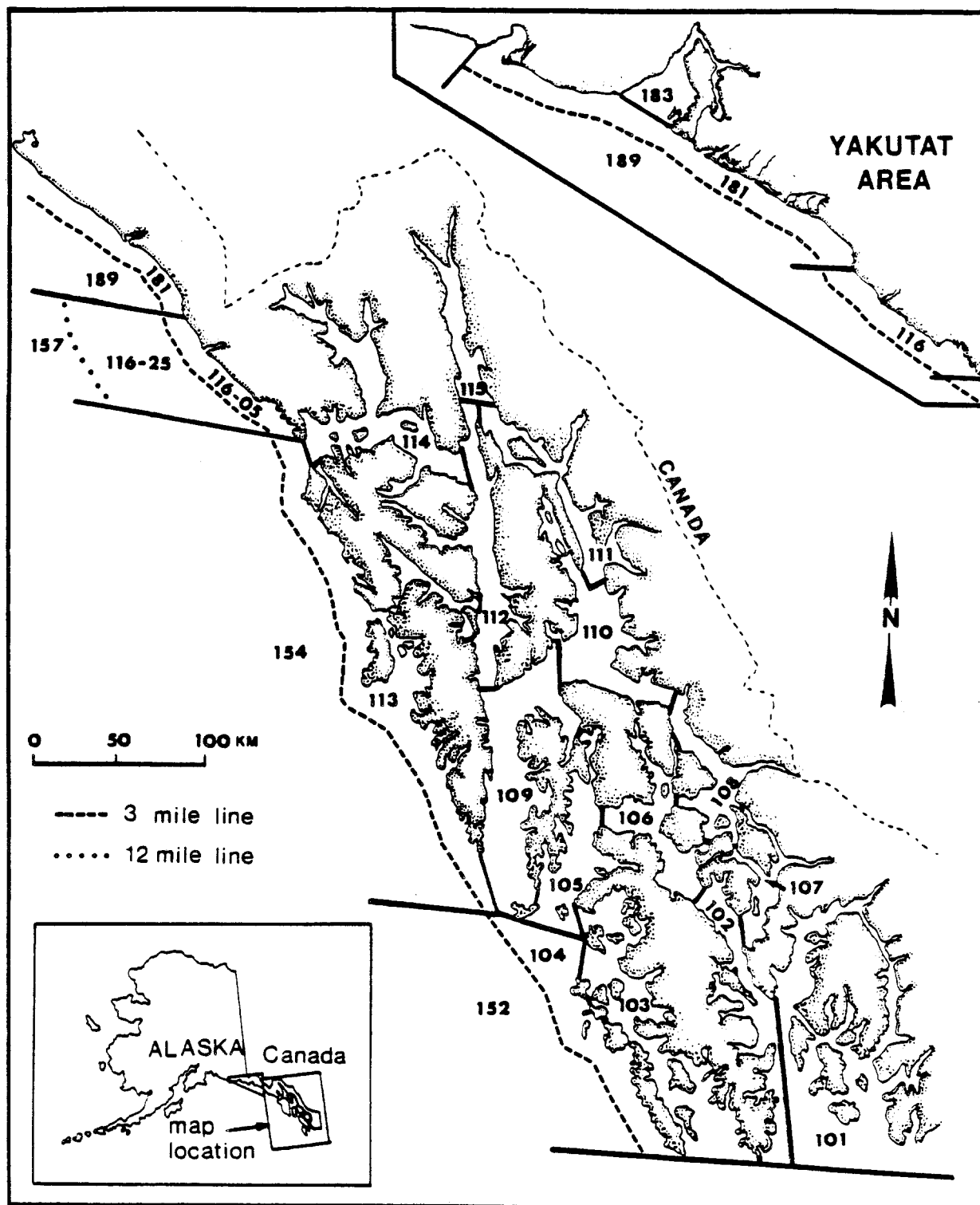


Figure 1. Map of Southeastern Alaska showing the statistical fishing districts.

Commercial, sport, and subsistence fisheries operated throughout the region. Drift gillnets were used to commercially harvest salmon in Districts 101, 102, 106, 108, 111, and 115 in 1985. Canadian gillnet fisheries operated in the lower Canadian portions of the Taku and Stikine Rivers and on the upper Stikine River. Purse seines were used to harvest sockeye salmon in Districts 101-107, 109-110, and 112-114 in 1985. The troll fleet operated throughout the region. The Metlakatla Indian Community operated gill net, purse seine, and troll fisheries within 3,000 feet of the Annette Island shoreline in District 101 (Subdistricts 24, 26, 28, and 42), as well as a small floating fish trap fishery in Subdistricts 24 and 28. Sport fishing occurred throughout Southeastern Alaska, primarily near population centers in the region. Subsistence fishing was allowed at many sites in Southeastern Alaska, primarily near the mouths of rivers and streams.

Abundance Data

Alaskan commercial catch data used in this report were compiled by the Division of Commercial Fisheries, Alaska Department of Fish and Game, and originated from individual fish tickets tabulated as of 20 May 1986. Catch data have been edited for data entry and recording errors. Embedded errors are sometimes found at a later date. Such errors are corrected and therefore data file listings in the future may show minor differences. Catch data for Canadian commercial and subsistence fisheries on the upper Taku and Stikine Rivers were obtained from the Canadian Department of Fisheries and Oceans (S. Johnston, personal communication).

Five methods were used to estimate total escapements to Southeastern Alaska systems. Ten Alaskan systems and four Canadian systems were weired, and total counts of sockeye salmon were made. A mark-recapture program was used to estimate the Taku River escapement. Sockeye salmon were captured in fishwheels at Canyon Island (5 kilometers from the Canadian border) and tagged. Tagged fish were recovered in the upstream Canadian commercial gillnet fishery, and tagged:untagged ratios were used to derive an escapement estimate. Mark-recapture methods were also employed at McDonald and Ford Arm Lakes. Three methods were used to estimate the Stikine River escapement: (1) a combination of scale pattern and age composition data; (2) an egg diameter index; and (3) combined electrophoretic, brain-parasite, and age composition data. Aerial, foot, and boat surveys provided peak escapement counts for most of the other important sockeye salmon systems in the region. Peak escapement counts should only be considered indicators of escapement magnitude; they do not represent total counts.

Age, Sex, and Length Data

Sockeye salmon were sampled for scales, sex, and length. Scales were taken from the 'preferred area' of the fish (INPFC 1963), located on the left side of the fish approximately two rows above the lateral line and on the diagonal row downward from the posterior insertion of the dorsal fin. Scales were mounted on gum cards and impressions made in cellulose acetate (Clutter and Whitesel 1956).

Examination of scales provided age information for individual fish. Scales were magnified to 70 power on a microfiche reader and ages were recorded in

European notation¹. Sex determination was based on examination of external morphological features or gonads. Sex determination could not be made in some cases because of the absence of secondary maturation characteristics, and the reluctance of fish processors to let samplers cut open the fish to examine gonads. This was especially true for purse seine catches on the outer coast (Districts 101, 104, and 113). Fish length was measured from the middle of the eye to the fork of the tail, recorded to the nearest 5 millimeters, with the following exceptions; post-orbit to hypural plate measurements were taken for escapements to the Jones, Chutine, Little Tatsamenie, and Little Trapper Lakes, the Chutine, Iskut, Scud, Tatsamenie, and Hackett Rivers, and the Julian Slough (Stikine River). These lengths were standardized to middle of the eye to fork of the tail measurements according to the following conversions developed from lengths taken from 820 sockeye salmon commercially caught in Southeastern Alaska in 1985:

$$\text{MEF} = 1.103696 (\text{POH}) + 19.50277$$

$$\text{MEF} = 1.093492 (\text{MEH}) + 15.62296$$

Where:

MEF = mid-eye to fork of tail.

POH = post-orbit to hypural plate.

MEH = mid-eye to fork of tail².

All districts in which gillnet catches occurred were sampled, except for Districts 102 and the Annette Island portion of District 101. Purse seine catches were sampled in all districts that recorded catches, except in Districts 106, 107, and the Annette Island subdistricts of District 101. Fish trap, sport fish, and subsistence harvests were not sampled because of the small magnitude of the harvests and the logistic difficulties involved in obtaining samples. Escapement samples were collected either in weir traps or by dipnets, beach seining, and carcass sampling. Variable mesh gillnets and fishwheels, respectively, were used to sample the escapements in the Stikine and Taku Rivers.

Age and sex composition were computed for each fishery sampled. Sampling goals were to collect sufficient samples to estimate the proportion of each

¹ European formula: Numerals preceding the decimal refer to the numbers of freshwater annuli; numerals following the decimal are the numbers of marine annuli. Total age is the sum of these two numbers plus one.

² Pahlke, K. 1985. Multiple length conversions for sockeye salmon. ADF&G, Division of Commercial Fisheries. Unpublished memorandum. 8 pp.

age class to within ± 5 percentage points nine out of 10 times¹. Districts in which large catches occurred were sampled to allow data to be stratified over time. Sampling was structured by subdistrict in Districts 106, 113, and 114 because catches were made in widely separated geographic areas and at different times of the season.

Age and sex compositions were also computed for each escapement that was sampled. Most escapements were sampled over short periods of time and these data were pooled into a single stratum. Samples collected from several weired systems and from the Taku and Stikine Rivers were stratified by time to reflect more than one sample period.

Catches and escapements were allocated by age class and sex for each sample period. Sex composition estimates were calculated only for the proportion of the total which was sexed. Totals from each sample period were then added to represent a season's age and sex composition for each fishery and escapement for which accurate catch or escapement abundance data existed. When only indices of abundance were available for escapements the indexed abundance was not allocated by age or sex, rather, a percentage breakdown of each sample by age and sex was tabulated. Standard errors of the age class proportion were calculated by standard binomial formulas. The age distribution and associated standard errors for the total commercial catch by district and gear type (or escapement by system) were calculated by weighting the estimated sample age distribution and its standard error each sampling period by the total commercial catch (or escapement) during the same sample period.

Mean lengths and their standard errors were calculated by sex and age class for each sample period from each fishery and escapement. Unweighted means and standard errors for the entire season were calculated for each age class by combining samples from all periods for each age class.

The means and variances of the migratory time density functions of sockeye salmon observed passing through weirs were calculated by standard statistical methods (Mundy 1979).

Data analyses used in this report were performed on IBM microcomputers.

RESULTS AND DISCUSSION

Harvest Data

Commercial catch data are presented for the purse seine, gillnet, troll, and trap fisheries. Transboundary river catches are also reported. Harvest data for sport and subsistence catches are not available at this time and are not presented. Age, sex, and size data are presented for all commercial purse seine and gillnet fisheries sampled.

¹ Bernard, D.R. 1982. Statewide standards for sampling sizes for AWL. ADF&G, Div. Comm. Fish. Unpublished memorandum. 5 pp.

Numbers of Fish

A total of 1,627,798 sockeye salmon were commercially harvested in Southeastern Alaska, representing the largest annual commercial catch of sockeye salmon in the region since 1939 and exceeding the 1984 harvest by approximately 513,000 fish (Table 1). Over 69% of the catch (1,129,573 fish) came from southern Southeastern Alaska waters (Districts 101 - 108; Table 2). More than 100,000 sockeye salmon were harvested in the region in each of six consecutive weeks, from 14 July through 24 August. Catches peaked during the week of 4 August through 10 August, when 229,008 fish were harvested. More sockeye salmon were taken (432,183) in District 104 than in any other district. Large catches were also taken in District 101 (360,572) fish including catches made on the Annette Island Fishery Reserve), District 115 (304,129 fish), and in District 106 (270,478 fish).

Commercial Gillnet Catch

Gillnet fisheries harvested the majority of sockeye salmon taken commercially in Southeastern Alaska in 1985, as was the case in 1984 (McGregor and McPherson 1986). A total of 882,046 sockeye salmon were harvested with gillnets in 1985, representing 54% of the sockeye salmon taken in the region (Table 3). The largest gillnet harvest occurred in District 115, where 304,006 sockeye salmon were harvested. This was a decline of approximately 30,000 fish from the 1984 harvest and 65,000 from the record 1983 harvest, however, it represents the third largest catch from this district since statehood.

Sockeye salmon harvested in District 115 originate primarily from Chilkat and Chilkoot Lakes, both of which experienced strong returns in 1985. Preliminary scale pattern analysis results showed that fish bound for Chilkoot Lake represented approximately 50% of the total commercial catch in the district, and that catches of Chilkoot and Chilkat Lake sockeye salmon peaked during the weeks of 18 - 24 August and 25 - 31 August, respectively (McPherson, unpublished data). Exploitation rates for both stocks were approximately 0.70. Catch levels in District 115 were below average during the first six fishing weeks, but rose rapidly the following week. Catches above 25,000 were recorded each week for the period from 28 July to 7 September. The catch of 74,933 during the period 18 - 24 August represents the highest weekly catch ever recorded in the district. Catches dropped off sharply after the first week of September and remained low throughout the remainder of the season.

A total of 223,744 sockeye salmon were harvested in District 101. Approximately 23% of the catch (50,881 fish) was taken in the Annette Island Fishery Reserve. The District 101 gillnet fisheries target on mixed stocks from both Alaska and Canada. Scale pattern analysis results indicate that approximately 82% of the harvest (excluding the Annette Island Fishery Reserve catches) was destined for the Nass and Skeena Rivers in northern British Columbia (Oliver and Jensen 1986).

The District 106 gillnet harvest totaled 265,033 sockeye salmon. Fishing time and area restrictions were employed to prevent overharvesting of weak returns expected to the Stikine River. Fishing was limited to Clarence Strait portions (Subdistrict 106-30) during the second week of the season. The

Table 1. Harvest of sockeye salmon in Southeastern Alaska, 1985.

Fishery	Number Harvested	Percent
Alaskan Commercial		
Gillnet	882,046	52.1
Purse Seine	720,968	42.6
Trap	10,903	0.6
Troll	7,717	0.5
Miscellaneous 1/	6,164	0.4
	-----	-----
Subtotal	1,627,798	96.2
Canadian Transboundary		
Taku Commercial	14,244	0.8
Stikine Commercial	18,177	1.1
Stikine Subsistence	7,287	0.4
	-----	-----
Subtotal	39,708	2.3
Sport	4,189	0.3
Subsistence	19,809	1.2

Total	1,691,504	100.0

1/ Includes test fish catches, confiscated fish, hatchery harvests, etc.

Table 2. Total commercial harvest of sockeye salmon in Southeastern Alaska, by district and date, 1985^{1/}.

Inclusive Dates	Statistical Week	Districts								Southern Southeast Total
		101	2/ 102	103	104	105	106	107	108	
3/	7						2			2
June 2-June 8	23				21					21
June 9-June 15	24				14		256		6	276
June 16-June 22	25	13,684					12,845		97	26,626
June 23-June 29	26	17,525					10,885		171	28,581
June 30-July 6	27	17,709	11	6	64		28,959		344	47,093
July 7-July 13	28	15,736	21	17	11,908	18	38,298	4	352	66,354
July 14-July 20	29	33,954	6,736	23	16,125	13	45,012	1	311	102,175
July 21-July 27	30	56,348	5,027	16	72,842	5	47,410		22	181,670
July 28-Aug. 3	31	43,587	1,661	57	114,113	943	50,455	1	993	211,810
Aug. 4-Aug. 10	32	67,377	8,187	337	141,578	120	13,471			231,070
Aug. 11-Aug. 17	33	42,584	4,197	11,557	34,456	456	12,734	8	40	106,032
Aug. 18-Aug. 24	34	39,269	4,913	13,756	28,194	530	6,167		12	92,841
Aug. 25-Aug. 31	35	9,817	3,964	867	12,828	199	3,665	3	4	31,347
Sept. 1-Sept. 7	36	2,563	124	156	40	8	268		13	3,172
Sept. 8-Sept. 14	37	323	27			1	42		4	397
Sept. 15-Sept. 21	38	95					6			101
Sept. 22-Sept. 28	39						3			3
Sept. 29-Oct. 5	40	1	1							2
Oct. 6-Oct. 12	41									0
Oct. 13-Oct. 19	42									0
Total		360,572	34,869	26,792	432,183	2,293	270,478	17	2,369	1,129,573

-Continued-

Table 2. Total commercial harvest of sockeye salmon in Southeastern Alaska, by district and date, 1985^{1/}
(continued).

Inclusive Dates	Statistical Week	Districts								Northern Southeast Total	Total Southeast
		109	110	111	112	113	114	115	Outside Troll		
3/	7									0	2
June 2-June 8	23					19	9		2	30	51
June 9-June 15	24					25	5		11	41	317
June 16-June 22	25			2,186		41		1,068		3,295	29,921
June 23-June 29	26			2,152				5,707		7,859	36,440
June 30-July 6	27	50	3	5,700	72	485	339	9,397	65	16,111	63,204
July 7-July 13	28	61	7	12,105	449	265	665	18,293	87	31,932	98,286
July 14-July 20	29	565	2,837	21,191	3,093	3,281	792	6,637	78	38,474	140,649
July 21-July 27	30	24	2,441	10,674	4,244	17,212	1,818	8,275	80	44,768	226,438
July 28-Aug. 3	31	5,519	6,165	14,811	3,194	2,247	990	27,388	201	60,515	272,325
Aug. 4-Aug. 10	32	5,607	4,216	7,565	14,229	1,684	500	33,960	177	67,938	299,008
Aug. 11-Aug. 17	33	3,877	288	7,031	7,072	552	203	31,577	69	50,669	156,701
Aug. 18-Aug. 24	34	2,390	8	3,290	3,962	235	4	74,933	1	84,823	177,664
Aug. 25-Aug. 31	35	396		1,336	684	94	896	48,197	37	51,640	82,987
Sept. 1-Sept. 7	36	1		375	188	40	95	26,384	34	27,117	30,289
Sept. 8-Sept. 14	37			153		4	453	9,089	13	9,712	10,109
Sept. 15-Sept. 21	38	9		43	2	1	12	2,364	2	2,433	2,534
Sept. 22-Sept. 28	39			4			2	573	1	580	583
Sept. 29-Oct. 5	40			1				205		206	208
Oct. 6-Oct. 12	41							76		76	76
Oct. 13-Oct. 19	42							6		6	6
Total		18,499	15,965	88,617	37,189	26,185	6,783	304,129	858	498,225	1,627,798

1/ Includes catches by miscellaneous gear types in addition to trap, gillnet, purse seine, and troll.

2/ Includes catches made on the Annette Island Fishery Reserve in District 101.

3/ Catches reported incorrectly as occurring in statistical week 7.

Table 3. Total gillnet harvest of sockeye salmon in Southeastern Alaska, by district and date, 1985.
Dash (-) indicates fishery not open for that particular strata.

Inclusive Dates	Statistical Week	Districts							Total
		101	101 1/	102	106	108	111	115	
June 16-June 22	25	12,885	785	-	12,203	-	2,186	1,068	29,127
June 23-June 29	26	15,049	2,464	-	10,233	-	2,152	5,707	35,605
June 30-July 6	27	11,809	4,550	-	28,388	-	5,700	9,395	59,842
July 7-July 13	28	8,745	4,582	-	37,601	-	12,033	18,293	81,254
July 14-July 20	29	16,277	7,045	-	43,900	-	21,060	6,637	94,919
July 21-July 27	30	28,832	10,208	-	46,969	-	10,489	8,254	104,752
July 28-August 3	31	20,602	4,932	0	50,450	993	14,781	27,388	119,146
August 4-August 10	32	24,492	7,634	-	13,459	-	7,564	33,960	87,109
August 11-August 17	33	18,150	3,508	5	12,728	40	7,025	31,477	72,933
August 18-August 24	34	11,800	3,278	-	6,167	12	3,290	74,933	99,480
August 25- August 31	35	3,027	1,520	-	2,617	4	1,336	48,197	56,701
Sept. 1-Sept. 7	36	879	283	-	267	13	375	26,384	28,201
Sept. 8-Sept. 14	37	239	76	-	42	4	153	9,089	9,603
Sept. 15-Sept. 21	38	77	16	-	6	0	43	2,364	2,506
Sept. 22-Sept. 28	39	0	0	-	3	0	4	573	580
September 29-October 5	40	-	-	-	-	0	1	205	206
October 6-October 12	41	-	-	-	0	0	-	76	76
October 13-October 19	42	-	-	-	-	0	-	6	6
Total		172,863	50,881	5	265,033	1,066	88,192	304,006	882,046

1/ Gillnet catch on the Annette Island Fishery Reserve in District 101, Subdistricts 24, 26, 28, and 42.

Sumner Strait portion of the district (Subdistrict 106-41) was reopened the week of 30 June to 6 July and both subdistricts remained open for the duration of the season. Catches peaked in District 106 during the week of 28 July to 3 August, when 50,450 fish were taken. Fish harvested in this fishery are thought to be bound for local systems such as the Stikine River and numerous mainland and island lakes in Southeastern Alaska, as well as to the Nass and Skeena Rivers of northern British Columbia. Approximately 48% of the harvest in District 106 was bound for spawning systems in Alaska in 1985, according to scale pattern analysis work (Oliver and Jensen 1986).

The District 111 gillnet fishery harvests sockeye salmon primarily bound for Canadian spawning sites in the Taku River drainage and Alaskan sites in the Speel and Whiting River drainages. A total of 88,192 fish were taken in 1985. Catches of over 10,000 fish were reported for four consecutive weeks, from 7 July through 3 August. Port Snettisham portions of the district were closed from 7 July to 11 August to restrict harvest of returns to Speel and Crescent Lakes. Results of scale pattern analysis of the District 111 catch indicate that 84% of the harvest was bound for the Taku River (Oliver and McGregor 1986).

Small catches of sockeye salmon were recorded in Districts 108 (1,066 fish) and 102 (5 fish). District 108 was closed for most of the season to protect the Stikine River sockeye salmon return.

Commercial Purse Seine Catch

Purse seine fisheries harvested 720,968 (44%) of the sockeye salmon taken in the region (Table 4). The largest catches were made in District 104. A total of 431,575 sockeye salmon were taken in this district, representing a 47% increase over the harvest realized in 1984. Increased fishing time and effort due to the pink salmon directed fishery after 27 July were primarily responsible for the increased harvest (ADF&G 1985). Peak catches in District 104 were made during the week of 4 - 10 August, when 141,523 sockeye salmon were caught. This fishery harvests extremely mixed stocks of sockeye salmon bound for Southeastern Alaska and Canada. Scale pattern analysis results indicate that almost 78% of the District 104 catch was bound for the Nass and Skeena Rivers (Oliver and Jensen 1986).

The District 101 purse seine harvest totaled 125,638 sockeye salmon, of which 6,073 were taken in the Annette Island Fishery Reserve. Catches peaked during the week 4 - 10 August. Catches were comprised primarily (68%) of Alaskan fish (Oliver and Jensen 1986).

The District 112 purse seine fishery harvested 37,121 sockeye salmon incidental to the harvest of pink (*Oncorhynchus gorbuscha*) and chum salmon (*Oncorhynchus keta*). Only the waters on the western shore of Chatham Strait were open to fishing during the first two weeks of July. Fishing on the eastern shore began the week of 14 - 20 July. Catches from the two sides of Chatham Strait are thought to differ significantly in stock composition (McGregor et al. 1984). Peak catches occurred during the week of 4 - 10 August, when 14,229 fish were landed. Catches were highest in Subdistrict 16 (Hawk Inlet shoreline and Mansfield Peninsula) where 81% (30,013) fish of the district catch occurred. Preliminary scale pattern analysis indicates that

Table 4. Total purse seine harvest in Southeastern Alaska by district and date, 1985. Dash (-) indicates fishery not open for that particular strata.

Inclusive Dates	Stat. Week	Districts													Total
		101	101 1/	102	103	104	105	106	107	109	110	112	113	114	
2/	25	-	-	-	-	-	-	-	-	-	-	-	41	-	41
June 23-June 29	26	-	-	-	-	-	-	-	-	-	-	-	-	-	0
June 30-July 6	27	-	-	-	-	-	-	-	-	-	-	65	-	-	65
July 7-July 13	28	0	422	-	-	11,743	-	-	-	-	-	437	-	-	12602
July 14-July 20	29	7,963	1,307	6,727	-	16,032	-	-	534	2,831	3,091	3,083	438	-	42006
July 21-July 27	30	14,554	925	5,015	-	72,815	-	-	1	2,367	4,244	16,987	1,566	-	118474
July 28-August 3	31	16,682	87	1,648	-	114,056	924	-	-	5,493	6,155	3,191	2,011	520	150767
August 4-August 10	32	31,897	1,855	8,171	323	141,523	116	-	-	5,567	4,215	14,229	1,505	-	209401
August 11-August 17	33	19,678	310	4,167	11,537	34,435	447	-	-	3,840	288	7,072	399	-	82173
August 18-August 24	34	23,433	281	4,913	13,754	28,193	530	-	-	2,390	8	3,958	229	683	78372
August 25- August 31	35	4,136	775	3,957	854	12,778	197	1,041	3	393	-	666	18	-	24818
September 1- September 7	36	1,219	107	120	156	-	2	-	-	1	-	168	9	-	1782
September 8-September 14	37	2	3	27	-	-	-	-	-	0	-	-	1	431	464
September 15-September 21	38	0	1	-	-	-	-	-	-	-	-	-	-	-	1
September 22-September 28	39	0	0	-	-	-	-	-	-	-	-	-	-	-	0
September 29-October 5	40	1	0	1	-	-	-	-	-	-	-	-	-	-	2
October 6-October 12	41	0	0	-	-	-	-	-	-	-	-	-	-	-	0
Total		119,565	6,073	34,746	26,624	431,575	2,216	1,041	3	18,219	15,864	37,121	24,283	3,638	720,968

1/ Purse seine catch on the Annette Island Reserve in District 101, Subdistricts 24, 26, 28, and 42.

2/ Catches reported incorrectly as occurring in statistical week 25.

45% of the District 112 catch was comprised of fish bound for Chilkoot and Chilkat Lakes¹.

A total of 34,746 sockeye salmon was taken in the District 102 purse seine fishery. Catches peaked during the week of 4 - 10 August, when 8,171 fish was landed. Catches were comprised primarily (78%) of Alaskan fish (Oliver and Jensen 1986).

The District 103 purse seine fishery harvested 26,624 sockeye salmon. Peak catches occurred during the two-week period from 11 - 24 August when 95% (25,291 fish) of the catch was taken. The 1985 harvest was comprised of approximately 75% Alaskan fish (Oliver and Jensen 1986).

A total of 24,283 sockeye salmon was taken in District 113. This district is very large and contains a great diversity of fishing areas on the outer coast and several large straits leading inland. The catch was distributed widely among subdistricts although most fish (14,759) were taken in Subdistrict 95 (Lisianski Inlet).

Purse seine fleets in Districts 109 and 110 harvest 18,219 and 15,864 fish, representing increases of 356% and 440% over the 1984 harvests, respectively. The increase was due to increased fishing time allowed in order to harvest extremely strong returns of pink salmon in these districts. Peak catches were recorded during the week 4 - 10 August in District 109 (5,567 fish) and during the week 28 July - 3 August in District 110 (6,155).

Small numbers of sockeye salmon were incidentally harvested in purse seine fisheries targeting on pink and chum salmon in Districts 105, 106, 107, and 114.

Commercial Troll Catch

Sockeye salmon are taken as an incidental catch by the troll fleet. A total of 7,717 fish was taken in 1984 (Table 5).

Commercial Trap Catch

Four floating fish traps were used to harvest sockeye salmon in the Annette Island Fishery Reserve in District 101 (Table 6). A total of 10,903 sockeye salmon were harvested in 1985.

Canadian Transboundary River Catch

A commercial gillnet fishery in the Canadian portion of the Stikine River harvested 17,093 sockeye salmon in the lower river fishery and 1,084 fish in the upper river fishery. Catches peaked in the lower river fishery during the week 14 - 20 July when 8,321 fish were caught. A subsistence fishery on the upper Stikine River harvested 7,287 sockeye salmon in 1985 (Table 7).

¹ McPherson, S.A. 1986. Stock allocation of District 112 seine, 1986. ADF&G, Div. Comm. Fish. Unpublished memorandum. 2 pp.

Table 5. Total troll harvest of sockeye salmon in Southeastern Alaska, by district and date, 1985.

		Districts																					
Inclusive Dates	Stat. Week															Outside		Total					
		101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	Troll 1/						
2/	7																	2					
June 2-June 8	23				21										19	9	2	51					
June 9-June 15	24				14										25	5	11	55					
June 16-June 22	25																						
June 23-June 29	26																						
June 30-July 6	27	7	11	6	64							50	3	6	485	339	2	65	1,038				
July 7-July 13	28	26	21	17	165	18	14	4	3	61	7	9	265	665				87	1,362				
July 14-July 20	29	32	9	23	93	13	8	1				31	6	2	198	354				78	848		
July 21-July 27	30	28	12	16	27	5	4				23	74	1				225	252	21	80	768		
July 28-Aug. 3	31	23	13	57	57	19	5	1				26	10	3	236	470				201	1,121		
Aug. 4-Aug. 10	32	25	16	14	55	4	12				40	1	1				165	500				177	1,010
Aug. 11-Aug. 17	33	45	25	20	21	9	6				37				150	203	100	69			685		
Aug. 18-Aug. 24	34				1										4	5	4	1			15		
Aug. 25-Aug. 31	35	8	7	13	50	2	7				3				18	76	213	37			434		
Sept. 1-Sept. 7	36	25	4				40	6	1							20	31	95	34			256	
Sept. 8-Sept. 14	37	3							1										3	22	13	42	
Sept. 15-Sept. 21	38	1										9				2	1	12	2			27	
Sept. 22-Sept. 28	39																2				1	3	
Total		223	118	166	608	77	59	6	3	280	101	2	64	1,884	3,145	123	858			7,717			

1/ Includes catches made in Districts 116, 152, 154, 156, 157, 181, 183, 189.

2/ Catches reported incorrectly as occurring in statistical week 7.

Table 6. Total trap harvest of sockeye salmon in Southeastern Alaska, by subdistrict and date, 1985.

Inclusive Dates	Statistical Week	District 101-24	District 101-28	Total
June 30-July 6	27	1,343		1,343
July 7-July 13	28	1,061	900	1,961
July 14-July 20	29		1,530	1,310
July 21-July 27	30		1,581	1,801
July 28- August 3	31		1,261	1,261
August 4-August 10	32		1,474	1,474
August 11-August 17	33		875	875
August 18-August 24	34		477	477
August 25-August 31	35		351	351
September 1-September 7	36		50	50
Total		2,404	8,499	10,903

Table 7. Canadian harvest of sockeye salmon from transboundary rivers, by date and location, 1985.

Inclusive Dates	Statistical Week	Taku River			Stikine River				
		Commercial Catch	Days Fished	Boats	Upper River Commercial Catch	Days Fished	Lower River Commercial Catch	Days Fished	Subsistence Catch
June 9 - 15	24	-	-	-	-	-	-	-	0
June 16 - 22	25	-	-	-	-	-	-	-	4
June 23 - 29	26	366	1	7	0	1	608	1	11
June 30 - July 6	27	130	1	11	0	0	0	0	4
July 7 - 13	28	1,451	2	11	0	0	2,103	3	9
July 14 - 20	29	1,567	2	13	0	1	8,321	4	882
July 21 - 27	30	2,539	3	15	663	1	2,071	2	3,150
July 28 - August 3	31	2,665	2	11	297	1	1,466	2	1,970
August 4 - 10	32	2,427	2	11	94	1	1,031	2	1,065
August 11 - 17	33	2,583	2	8	30	1	1,230	3	141
August 18 - 24	34	516	1	7	-	-	109	2	48
August 25 - 31	35	-	-	-	-	-	41	2	3
September 1 - 7	36	-	-	-	-	-	113	1.5	0
Total		14,244	16	94	1,084	6	17,093	22.5	7,287

A commercial gillnet fishery in the Canadian portion of the Taku River harvested 14,244 sockeye salmon, representing a decline of approximately 13,000 fish from the record harvest taken in 1984. Catches of over 2,000 fish a week were made between 21 July and 17 August (Table 7).

Sport Catch

The sport catch of sockeye salmon was estimated to be 4,189 fish (Table 8) (Al Bingham, personal communication). Sport fish harvest data was available only by regional area, not by district.

Subsistence Catch

The reported subsistence harvest of sockeye salmon to Southeastern Alaska was 19,809 (Table 9). The true subsistence harvest was higher since many permits were not returned to ADF&G. Subsistence catches greater than 1,000 fish were reported for Karta River (3,174 fish), Chilkat River (2,399 fish), Klawock River (2,167 fish), combined Chilkoot and Chilkat Inlets (1,218 fish), Hetta Inlet (1,213 fish), McDonald River (1,204 fish), and Necker Bay (1,121 fish).

Age, Sex, and Size Data

Information on the age, sex, and size compositions of sockeye salmon harvested in Southeastern Alaska commercial fisheries is presented by district, and, where possible, by sample period.

Gillnet:

Detailed age and length compositions of the catches for each district sampled are listed in Appendix Tables 1 - 16. Five-year-old 1980 brood year) sockeye salmon were the dominant age group caught in the gillnet fisheries (Table 10). Trends between districts in the age composition of the catches were similar to those exhibited by catches in 1983 and 1984 (McGregor et al. 1984; McGregor and McPherson 1986). Age 1.3 sockeye salmon predominated in most districts, representing from a minimum of 49.0% of the District 101 catch to a maximum of 84.4% of the District 108 catch. Fish with no freshwater annuli (ages 0.2, 0.3, and 0.4) were common in the District 108 and 111 catches (6.7% and 6.8%, respectively) and the Canadian harvest from the Stikine and Taku Rivers (4.3% and 8.9%, respectively). Sockeye salmon that spent two winters in freshwater prior to migrating to sea (ages 2.1, 2.2, and 2.3) were far more common in the District 115 and 101 catches (43.6% and 33.9%, respectively) than in other districts. Four-year-old fish (primarily ages 0.3 and 1.2) represented between 7% and 17% of the catches in all districts except District 115, where this brood year represented less than 4% of the catch.

Distinct shifts in age composition were apparent in all seven gill net areas for which data could be stratified by sample period. Age 1.3 fish generally represented lesser proportions of the catches as the season progressed. Age 2.2 fish became more common later in the season in all districts except District 101, and age 2.3 fish represented higher proportions of catches later in the season in each of the seven districts except District 101 where no consistent trend was observed. Fish with zero freshwater checks increased during the season in District 111 and the Canadian Taku River harvests, but

Table 8. Total estimated sport fish harvest of sockeye salmon in Southeastern Alaska by area, 1985.

Area	Catch
Ketchikan	384
Prince of Wales Island	970
Petersburg - Wrangell	118
Sitka	210
Juneau	859
Haines - Skagway	1,648
Glacier Bay	0
Total	4,189

Table 9. Total reported subsistence harvest of sockeye salmon in Southeastern Alaska, 1985.

Location Code	System	Numbers Reported 1/	Projected Harvest 2/
101-30-075	Hugh Smith Lake	190	190
101-45-078	Carroll River	3	4
101-80-063	McDonald River	1,204	1,648
District 101 Total		1,397	1,842
102-30-067	Kegan Lake	211	285
102-60-087	Karta River	3,174	3,887
102-70-058	Thorne River	52	52
District 102 Total		3,437	4,224
103-25-020	Hetta Inlet	1,213	2,078
103-60-047	Klawock River	2,167	3,397
103-80-031	Chuck Lake	15	15
103-90-014	Sarkar	934	1,119
District 103 Total		4,329	6,609
105-43-002	Shipley Bay	253	NA
District 105 Total		253	NA
106-30-051	Hatchery Creek (Sweetwater)	257	NA
106-41-010	Salmon Bay	23	NA
District 106 Total		280	NA
107-30-030	Thoms Creek	255	NA
107-40-007	Mill Creek	199	NA
District 107 Total		454	NA
108-40	Stikine River	30	NA
District 108 Total		30	NA
109-20-007	Gut Bay	339	603
109-20-013	Falls Lake	17	68
109-52-035	Pillar Bay	787	NA
District 109 Total		1,143	NA
111-32-032	Taku River	924	1,162
District 111 Total		924	1,162
112-12-025	Basket Bay	462	722
112-50-010	Pavlof	7	9
112-67-058	Kanalku Bay	473	536
District 112 Total		942	1,267
113-13-001	Redfish Bay	128	139
113-22-008	Poltofski Lake	91	91
113-34-005	Necker Bay	1,121	1,312
113-41-032	Salmon Lake	78	93
113-41-043	Redoubt Bay	97	131
113-59-004	Sitkoh Bay	313	498
113-61-003	Leo's Anchorage	5	8
113-72-002	Klag Bay	582	695
113-73-003	Ford Arm	556	608
District 113 Total		2,971	3,575
114-34-010	Humpback Creek	12	14
District 114 Total		12	14
115-32	Chilkat River (Klukwan)	1,081	NA
115-32	Chilkat River (non-Klukwan)	1,318	NA
115	Chilkoot and Chilkat Inlets	1,218	NA
District 115 Total		3,637	NA
Total Southeastern		19,809	NA

1/ The number of sockeye taken as reported on subsistence permits returned to ADF&G.

2/ The projected harvest, expanded for unreturned subsistence permits.

Table 10. Summary table of the percentage age composition of sockeye salmon in the commercial gillnet harvest in Southeastern Alaska and transboundary rivers, by district, 1985.

Brood Year and Age Class																	
District	Sample Size	Total Catch	1982		1981			1980				1979			1978		
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	1.5	2.4	3.3
101	7,181	223,744	0.1	<0.1	1.9	14.8	<0.1	<0.1	49.0	19.5		0.1	14.4	<0.1			
106-30	6,095	92,979	<0.1	<0.1	0.7	6.1	0.1		78.0	6.1	<0.1	0.2	8.8	<0.1		<0.1	
106-41	5,978	172,088		<0.1	0.5	6.7			78.3	4.5		0.1	9.8	<0.1	<0.1	<0.1	
108	448	1,066	0.2		6.3	7.4		0.2	81.7	0.7		2.5	1.1				
108 (Stikine)	3,212	17,093	0.4	<0.1	3.9	5.3	<0.1	<0.1	84.4	1.3		0.3	4.2	<0.1		<0.1	
111	6,659	88,192	1.3	0.1	5.0	5.6	<0.1	0.5	71.8	3.6		0.7	11.3			0.1	
111 (Taku)	742	14,244	3.3		5.2	9.5	0.1	0.4	69.9	3.5		0.8	7.2			0.1	
115	10,568	304,006	0.1	<0.1	0.8	3.0	<0.1	<0.1	51.2	8.4		1.0	35.2	0.1		<0.1	

were found in appreciable proportions in Districts 101 and 115 only very early in the season.

No obvious trends in average fish length were apparent either between districts or within districts throughout the fishing season, as was the case with gillnet catches in 1983 and 1984 (McGregor et al. 1984; McGregor and McPherson 1986). Average lengths of females were generally smaller than those of males within specific age classes.

Purse Seine:

Detailed age and length compositions of the purse seine catch for each district sampled are listed in Appendix Table 17 - 40. The average age of the sockeye salmon purse seine catches in Southeastern Alaska was generally younger and the age compositions were more variable than in the gillnet fisheries (Table 11). Four- and five-year-old (1981 and 1980 brood years) sockeye salmon were the dominant age groups caught in the purse seine fisheries. Four-year-old fish (predominantly age 1.2) were more common in southern Southeastern Alaska purse seine catches (Districts 101-107) than in purse seine catches in the northern districts of the region. Age 1.3 fish predominated in catches from all districts except the subdistrict catches in 113-34 (Necker Bay) and 114-80 (Excursion Inlet), where age 2.2 and 2.3 fish, respectively represented the dominant age class. Six-year-old (1979 brood year) fish were more common in 1985 than in the two previous years and contributed significantly to the catches in Districts 101, 109 110, 112, and 114-80.

Distinct shifts in age composition were apparent in all eight purse seine districts for which data could be stratified by sample period. Age 1.3 represented a smaller proportion of the catches as the season progressed in all areas except District 103. Age 2.2 fish became more common later in the season in all districts. Age 1.2 fish tended to increase in proportion in the southern districts (101 - 104) and to decrease in proportion in the northern districts (109 - 113) as the season progressed. Age 2.3 fish exhibited a trend opposite that of age 1.3 fish.

No obvious trends in average fish lengths were apparent either between or within districts, with the exception of Necker Bay sockeye salmon which were much smaller for a given age than fish from all other areas. Average lengths of females were generally smaller than those for males within specific age classes.

Gillnet Test Fisheries:

Detailed age and length compositions of the gillnet test fishery catches for each district sampled are listed in Appendix Tables 41 - 44. The test fisheries in District 106-41 (Sumner Strait) and in District 108 were conducted only in the early portions of the season and exhibited age and length compositions very similar to those observed in the commercial catches for the respective districts.

Escapement Data

Over 100 systems are known to produce sockeye salmon in Southeastern Alaska.

Table 11. Summary table of the percentage age composition of sockeye salmon in the commercial purse seine harvest in Southeastern Alaska by district, 1985.

District	Sample Size	Total Catch	Brood Year and Age Class													
			1982		1981			1980				1979			1978	
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3
101	4,049	125,638	<0.1	0.5	0.2	15.3	0.6	<0.1	58.7	11.3		0.5	12.5		0.1	
102	698	34,746		0.3	0.6	29.6			55.1	10.7		0.1	3.6			
103	832	26,624	0.1	0.1		32.3	0.2		40.4	19.1	0.1	0.4	6.9	0.4		
104	4,576	431,575	0.1	0.2	0.2	22.7	0.3	<0.1	64.2	7.1			5.1	0.1		<0.1
105	669	2,216		0.1	0.1	20.6			65.6	6.6		0.6	6.3			
109	1,595	18,219	0.9	1.0	1.8	14.4	0.4	0.1	36.8	17.2		0.3	26.1	0.7		0.2
110	1,739	15,864	2.6	2.4	2.9	16.6	1.1	0.1	44.2	10.5		0.7	18.4	0.2	0.2	
112	1,969	37,121	1.0	0.9	4.3	12.3	0.6	0.5	34.2	22.1	0.1	0.4	23.3	0.1	0.2	
113	1,011	21,935	1.1	0.4	5.3	22.3	0.5	0.4	45.1	16.1		0.4	8.2	0.2	0.1	
113-34	362	2,348				10.8				79.5				9.7		
114-27,40,50	555	2,719	0.5		9.5	13.0		0.7	61.4	7.6		0.7	6.1		0.4	
114-80	106	919			0.9	0.9		15.1	32.1				50.0	0.9		

Abundance indices and weir counts are presented for escapements in the region and all available age, sex, and size composition data are summarized below. Run timing of sockeye salmon through weirs in the region is also presented. Detailed age composition (including daily age compositions of samples taken at weired systems), length composition, and daily weir counts are listed in Appendix Tables 45 - 162.

Abundance Estimates:

Escapement counts and indices of abundance (for systems in which 25 or more adult salmon were observed) of sockeye salmon in lakes and streams in Southeastern Alaska and the Canadian headwaters of the Taku and Stikine Rivers are listed in Table 12. An estimated 173,833 sockeye salmon (mark-recapture estimate) escaped to spawn in McDonald Lake (Dennis Blankenbeckler, personal communication). Three estimates of escapement to the Stikine River were made: 126,000 (scale pattern), 143,000 (egg diameter), and 198,000 (combination of electrophoretic brain-parasite, and age composition data). An estimated 103,888 sockeye salmon (mark-recapture estimate) escaped to spawn in Canadian waters of the Taku River drainage (Clark et al. 1986). Chilkoot, Tahltan (upper Canadian Stikine), and Chilkat Lakes each recorded escapements over 50,000 fish; 69,026, 67,326, and 57,724 sockeye salmon, respectively. A total of 34,333 and 31,564 sockeye salmon were counted through Salmon Bay Lake and Karta River weirs. Between 10,000 and 15,000 sockeye salmon passed through Little Trapper, Little Tatsamenie, Hugh Smith, and Redoubt Lake weirs. From 2,000 to 8,000 fish were counted through the Crescent, Speel, Falls Lake, and Hackett River weirs, and less than 1,000 fish passed into Auke Lake through the counting fence on its outlet creek.

Indices of peak escapement abundance were provided for many sockeye salmon systems in the region using peak aerial, foot, and boat surveys. The survey data must be used cautiously because the proportion of the total run observed within each system was unknown.

Age, Sex, and Size Composition:

Five-year-old fish (primarily age 1.3) predominated in most of the 54 escapement collections (Table 13). Contribution of other age groups to escapements were, however, very important for some systems in the region. Four-year-old (primarily age 1.2 and 0.3) fish predominated in escapements to Luck, Kutlaku, and Kook Lakes, Julian Slough (Stikine River) and the Tatsamenie and mainstem Chilkat Rivers. Age 1.2 fish were also common in escapements to Helm Lake (44.1%), Hetta Lake (27.3%), Chuck Lake (40.4%), Red Bay Lake (33.7%), and Ford Arm Lake (37.7%). Six-year-old fish (primarily age 2.3) represented the majority of the escapements to Falls, Redoubt, and Chilkat Lakes, and were also common in escapements to Hugh Smith (26.3%), Leask (34.3%), Thoms (28.2%), and Chutine (32.1%) Lakes.

Fish with no freshwater annuli were common in escapements to the three largest river systems in the region; the Chilkat, Taku, and Stikine Rivers. Fish with two freshwater annuli predominated in the escapements to seven lake systems, including Leask, Sarkar, Chutine, Falls, Auke, Redoubt, and Chilkat Lakes.

Table 12. Peak escapement surveys and weir counts for Southeastern Alaska and transboundary river sockeye salmon systems, 1985. Abbreviations for types of surveys and escapement counts are as follows: (B) boat, (E) egg diameter, (F) foot, (S) scale pattern analysis, (T) tagging estimate, (W) weir.

Stream Number	Stream Name	Count	Method	Date
101-30-030	Keta River	37	F	9/12
101-30-075	Hugh Smith-Sockeye Creek	12,233	W	6/5-10/29
101-45-032	Leask Lake	60	F	10/1
101-47-015	Ward Creek	33	F	10/24
101-55-020	Wilson River	209	B	9/5
101-75-030	Unuk River	248	F	8/15
101-80-068	McDonald Lake-Wolverine Creek 1/	173,833	T	
		36,700	F	10/2
101-90-050	Naha River	900	F	9/10
101-90-084	Helm Lake	460	F	9/24
102-30-017	Johnson Creek	1,000	F	9/20
102-30-067	Kegan Lake Creek	1,000	F	9/12
102-30-089	Miller Lake	100	F	9/24
102-40-033	Dora Lake Creek	756	F	9/24
102-60-087	Karta River	31,564	W	6/23-8/19
103-15-027	Klakas Lake Creek	600+	F	9/13
103-25-047	Hetta Lake Creek	1,000	F	9/9
103-80-031	Chuck Lake Creek	811	W	8/21-9/5
103-90-010	Sarkar Lake	700+	F	9/5
104-10-005	Essowah Lake	90	F	9/16
105-31-003	Kushneahin Lake Creek	200	B	9/11
105-43-002	Shipley Bay Lake Creek	60	F	9/24
106-10-010	Ratz Harbor Creek	1,650	A	8/29
106-10-030	Eagle Creek-Luck Lake	3,800	A	8/29
106-10-034	Luck Creek-Luck Lake	6,110	F	9/11
106-30	Gales Lake	700+	F	9/5
106-41-010	Salmon Bay Lake Creek	34,333	W	6/21-9/6
106-41-012	Salmon Bay Lake S. Hd.	8,510	F	9/12
106-41-015	Salmon Bay Lake W. Hd.	2,335	F	9/12
106-41-030	Red Lake Creek	2,020	B	8/27
106-41-060	Toten Bay N.E. Side	416	F	8/20
106-44-060	Petersburg Lake Creek	400	A	8/16
107-20-001	Anan Creek	50	F	9/7
107-20-030	Menefee Creek	300	A	8/18
107-30-030	Thoms Lake Creek	4,560	F	9/11
107-40-038	Marten Creek-Bradfield	56	A	9/6
108-40-020	Andrews Creek	59	F	8/11
108-70-020	Stikine River 2/	126,000	S	
		143,000	E	
		198,000	3/	
108-80-110	Tahltan Lake	67,326	W	7/19-9/5

-Continued-

Table 12. Peak escapement surveys and weir counts for Southeastern Alaska and transboundary river sockeye salmon systems, 1985. Abbreviations for types of surveys and escapement counts are as follows: (B) boat, (E) egg diameter, (F) foot, (S) scale pattern analysis, (T) tagging estimate, (W) weir (continued).

Stream Number	Stream Name	Count	Method	Date
109-20-007	Gut Bay Head	400	A	7/7
109-20-013	Falls Creek-Baranof Island	2,612	W	6/30-8/19
109-52-035	Kutlaku Lake Creek	2,260	B	9/8
109-62-013	Alecks Creek	1,700	A	7/28
109-63-012	P Malmesbury Lake Creek	300	A	8/16
111-32-032	Taku River-total Canadian Drainage	103,888	T	
111-32-066	Yehring Creek	340	B	8/24
111-32-202	S. Fork Lake	350	B	8/18
111-32	Tuslova Slough	250	F	10/8
111-32	Flannigan's Slough	100	B	8/19
111-32-220	Nakina River	1,150	W	8/2-8/27
111-32-245	L. Trapper Lake	14,889	W	8/2-9/28
111-32-254	L. Tatsamenie Lake	13,015	W	8/4-10/14
111-32-260	Hackett River	2,309	W	8/8-10/5
111-32-270	Nahlin River	184	F	7/25
111-33-034	Speel Lake	7,073	W	7/12-8/24
111-35-006	Crescent Lake	7,249	W	7/14-8/29
111-50-042	Auke Creek	325	W	6/25-9/19
111-50-044	Lake Creek	100	A	8/16
111-50-056	Steep Creek	1,320	F	7/31
112-12-025	Kook Creek Inlet	100	A	7/29
112-67-060	Kanalku Creek	250	A	9/11
113-13-001	Redfish Bay Head	15,000	A	8/20
113-34-005	Necker Bay Lake	12,500	A	7/15
113-41-043	Redoubt Lake Outlet	10,672	W	6/22-8/29
113-52-004	Hanus Bay	200	A	7/21
113-72-002	Fish Camp-Klag Bay	500	A	7/8
113-72-003	Lake Anna Head	100	A	7/18
113-73-003	Ford Arm Lake 4/	3,134	T	
115-20-010	Berners River	100	A	8/25
115-20-020	Lace River	180	A	8/7
115-20-030	Antler-Gilkey River	75	A	8/25
115-32-031	Tsiriku-Big Salmon River	350	A	10/16
115-32-032	Chilkat Lake Outlet	57,724	W	6/29-10/22
115-32-045	Little Salmon River	1,700	A	10/6
115-32-060	Mosquito Lake	95	A	8/25
115-32-061	Mule Meadows	50	A	8/25
115-32-064	Kelsall River	1,500	A	8/25
115-33-020	Chilkoot River	69,026	W	6/7-10/5

1/ Dennis Blankenbeckler, ADF&G, Ketchikan; personal communication.

2/ Final Report, Report of the Canada/United States Transboundary Technical Committee.

3/ Estimate based on a combination of electrophoretic, brain-parasite, and age composition data.

4/ Leon Shaul, ADF&G, Juneau; personal communication.

Table 13. Summary table of the sample size and percentage age composition of sockeye salmon in escapements to Southeastern Alaska and transboundary rivers in 1985.

			Brood Year and Age Class															
Stream Number	System Name	Sample Size	1983		1982		1981			1980				1979			1978	
			0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	
101-30-075	Hugh Smith	1170					0.8	0.1		70.5	0.6		0.5	26.3		0.2	1.0	
101-45-032	Leasek	35						2.9		11.4	51.4			34.3				
101-80-068	McDonald	537					4.6			72.3	8.7			14.2			0.2	
101-90-050	Hedkowan (Naha)	405			0.7		5.9			92.8	0.3			0.3				
101-90-084	Helm	367			5.2		44.1	0.3		49.0	0.6			0.8				
102-30-017	Johnson	358			0.9		17.0	2.2		32.4	22.9			24.0	0.3		0.3	
102-30-067	Kagan	444			4.1		22.7	1.1		52.5	6.3			13.3				
102-30-089	Miller	30			3.3		6.7	3.3		70.0	3.3			13.4				
102-60-087	Karta	1851					1.9			81.1	1.1		0.3	15.5	<0.1	0.1		
103-15-027	Kiakas	318				2.2	2.8			92.2				2.8				
103-25-047	Hetta	436			12.1		27.3			56.7	0.5			3.4				
103-80-031	Chuck	686			0.1		40.4			41.4	13.7			4.4				
103-90-014	Sarkar	457			1.5		7.9	3.1		38.3	29.1			16.8	1.3		2.0	
104-10-005	Esowah	35			2.0		22.9			54.2	2.9							
105-31-003	Kushneeshin	100					3.0			83.0	1.0			13.0				
106-10-340	Luck	265			24.2		41.9	13.6		9.8	6.0			4.5				
106-30	Galea	480			0.6		15.6			66.5	6.9			10.4				
106-30-051	Hatchery Creek	5								20.0	20.0			60.0				
106-41-010	Salmon Bay	1342			0.5		6.5	0.1		84.3	1.9			6.7				
106-41-030	Red Bay	520			2.3		33.7	0.4		48.7	6.3		0.2	8.4				
106-44-060	Petersburg	237			20.3	0.4	14.8	23.7		29.5	5.9	0.8		4.6				
107-30-030	Thome	337			1.2		2.4			48.0	20.2			28.2				
108-40-015	Stikine (Kakowen Pt)	329				7.4	9.4			75.3	1.9			6.1				
108-80-001	Julian Slough	46		8.7		67.4				21.7				2.2				
108-80-002	Jones L.	14					21.4			71.5				7.1				
108-80-003	Iskut	128				13.3	3.9			76.5	0.8			5.5				
108-80-035	Scud	56				17.8	1.8			80.4								
108-80-060	Chutine R.	65				4.6				92.3				3.1				
108-80-061	Chutine L.	112					8.9			39.4	19.6			32.1				
108-80-110	Tahltan	2307					2.4			95.4	0.3			1.9				
109-20-013	Falls	879					1.5	0.1		19.1	22.0	0.3		45.0	7.3	0.6	4.1	
109-52-035	Kutlaku	413			21.1		41.3	2.2		33.2	2.2							
111-15-020	Windfall	34			2.9		8.8			85.4	2.9							
111-32-032	Taku (Canyon Is.)	2436	0.3	5.7	3.9	3.8	17.1	0.4	0.3	54.2	8.7		0.7	4.8		<0.1		
111-32-032	S. Fork Lake	91		7.7	1.1	15.4	9.9			64.8				1.1				
111-32-032	Tuslow Slough	97		24.8	8.2	14.4	15.5			37.1								
111-32-221	Nekina	381		2.9		1.3	14.1			77.7	3.7		0.3					
111-32-245	L. Trapper	1416					14.4			74.8	3.6		0.9	6.3				
111-32-255	Tatsamnie R.	47		23.4	14.9	6.4	31.9			23.4								
111-32-256	Tatsamnie L.	1174		0.3		1.2	10.9			54.6	17.1			15.9				
111-32-260	Hackett R.	233		19.2	0.9	17.2	5.2		1.3	52.3	0.9		0.9	2.1				
111-33-034	Speel	396			7.6		23.7			66.9	1.0		0.3	0.5				
111-35-006	Crescent	1303		0.2	0.1	1.3	5.9		0.6	83.2	1.4		2.9	4.2		0.1	0.1	
111-50-042	Auke	68			2.9		10.3	26.5		10.3	30.9			17.6		1.5		
111-50-056	Steep	243			1.6	1.2	3.3			90.2				3.7				
112-12-027	Kook	54					50.0			29.6			13.0	7.4				
113-41-043	Redoubt	874			0.7		1.2	0.1		9.0	21.7	0.1	0.2	62.9	1.9	0.3	1.9	
113-73-003	Ford Arm	568			3.3	0.2	37.7	1.9		51.2	3.4			2.1	0.2			
115-24-020	Lace	84	3.6	10.7	4.8	4.8	11.9		1.2	61.9	1.2							
115-32-032	Chilkat L.	1332			0.8		0.7	3.5		11.1	38.8	0.2	0.3	44.3	0.4			
115-32-062	Chilkat R.	136		14.7		42.6				39.7	1.5		0.7	0.7				
115-33-020	Chilkoot	1622			0.1		12.1			66.6	2.6		2.4	15.8	0.1	0.3		

Samples from twelve escapements were plentiful enough to allow separation into sample periods. Temporal trends in the age compositions were observed to all but three of the systems: Karta River and Crescent and Chilkoot Lakes. Among the other nine systems the proportion of age 1.3 fish dropped in all cases except at Salmon Bay Lake. The proportions of fish with two freshwater annuli increased significantly in the latter portions of the returns to Hugh Smith, Tahltan, Little Trapper, Little Tatsamenie, and Chilkat Lakes and the Taku River.

A test fishery was conducted on the lower Stikine River (Kakwan Point) to collect data to be used as an index of abundance. Though the age composition data is presented on a weekly basis the reader should be cautioned as to the statistical validity of the data due to the small sample sizes. No apparent temporal trend is apparent in the age composition that was dominated by age 1.3 fish (88.8%).

A variety of collection methods were used to sample escapements. The use of several different methods to procure escapement samples may introduce some bias into age composition estimates.

Run Timing:

Fourteen sockeye salmon weirs were operated in Southeastern Alaska and in tributaries of the Taku and Stikine Rivers in western British Columbia. Dates of operation, final escapement counts, and run timing characteristics of these escapements are summarized in Table 14. The mean date of the return to Karta River (4 July) was the earliest of all the systems, while the mean date of the Chilkat Lake return was the latest (14 September). The Tahltan Lake return was the least protracted (variance = 22.9 days²), while the Hugh Smith Lake return had the largest variance (597.0 days²).

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Table 14. Summary of sockeye salmon run timing through weirs in Southeastern Alaska and transboundary river systems, 1985.

System	Dates of Operation	Count	Cumulative % Past Weir			Mean 1/ Date	Variance 2/
			10%	50%	90%		
Hugh Smith	6/5-10/29	12,233	7/12	8/22	9/12	8/16	597.0
Karta	6/23-8/19	31,564	6/28	7/1	7/18	7/4	89.7
Salmon Bay	6/21-9/6	34,333	8/2	8/5	8/27	8/9	159.7
Tahltan	7/19-9/5	67,326	7/30	8/2	8/7	8/3	22.9
Falls	6/30-8/19	2,612	7/17	7/24	8/8	7/27	90.4
L. Trapper	8/2-9/28	14,889	8/4	8/11	8/22	8/12	54.4
L. Tatsamenie	8/3-10/14	13,015	8/18	8/28	9/10	8/29	85.9
Hackett	8/8-10/5	2,309	8/22	8/31	9/14	9/3	87.3
Speel	7/12-8/24	7,073	7/28	8/17	8/17	8/9	68.6
Crescent	7/14-8/29	7,249	7/20	8/2	8/15	8/3	99.5
Auke	6/25-9/19	325	7/14	8/2	8/23	8/7	342.7
Redoubt	6/22-8/28	10,672	7/11	8/4	8/18	8/2	190.2
Chilkat	6/29-10/22	57,724	8/9	9/21	10/1	9/14	438.1
Chilkoot	6/7-10/5	69,026	7/19	8/6	8/28	8/7	287.8

1/ Rounded to nearest calendar date.

2/ Days squared.

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APPENDICES

Appendix Table 1. District 101 gillnet catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class												
		1982		1981		1980			1979			1978		
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	Total
Statistical Week	25	(June 16 - 22)												
Male														
Sample Number				64	10		1	98	21	1	43	1		239
Percent				10.6	1.7		0.2	16.3	3.5	0.2	7.1	0.2		39.6
Std. Error				1.3	0.5			1.5	0.7		1.0			2.0
Number				1361	213		21	2084	447	21	914	21		5082
Female														
Sample Number				49	41		3	135	64		72			364
Percent				8.1	6.8		0.5	22.4	10.6		11.9			60.4
Std. Error				1.1	1.0		0.3	1.7	1.3		1.3			2.0
Number				1042	872		64	2870	1361		1531			7740
All Fish 1/														
Sample Number				115	52		4	233	85	1	115	1		606
Percent				19.0	8.6		0.7	38.4	14.0	0.2	19.0	0.2		100.0
Std. Error				1.6	1.1		0.3	2.0	1.4		1.6			
Number				2445	1106		85	4954	1808	21	2445	21		12885
Statistical Week	26	(June 23 - 29)												
Male														
Sample Number	3			17	61			73	60		41			255
Percent	0.5			3.0	10.8			12.9	10.6		7.2			45.0
Std. Error	0.3			0.7	1.3			1.4	1.3		1.1			2.1
Number	75			426	1527			1828	1502		1027			6385
Female														
Sample Number	1			20	91			82	81		37			312
Percent	0.2			3.5	16.0			14.5	14.3		6.5			55.0
Std. Error				0.8	1.5			1.5	1.5		1.0			2.1
Number	25			501	2279			2053	2028		926			7812
All Fish 1/														
Sample Number	4			40	158			166	151		82			601
Percent	0.7			6.7	26.3			27.6	25.1		13.6			100.0
Std. Error	0.3			1.0	1.8			1.8	1.8		1.4			
Number	100			1002	3956			4157	3781		2053			15049
Statistical Week	27	(June 30 - July 6)												
Male														
Sample Number	1			2	62			55	31		36			187
Percent	0.2			0.5	15.0			13.3	7.5		8.7			45.2
Std. Error				0.3	1.8			1.7	1.3		1.4			2.4
Number	19			38	1175			1043	588		682			3545
Female														
Sample Number				5	57			73	61		31			227
Percent				1.2	13.8			17.6	14.7		7.5			54.8
Std. Error				0.5	1.7			1.9	1.7		1.3			2.4
Number				95	1080			1384	1156		588			4303
All Fish 1/														
Sample Number	1			8	171			213	131	1	98			623
Percent	0.2			1.3	27.4			34.2	21.0	0.2	15.7			100.0
Std. Error				0.5	1.8			1.9	1.6		1.5			
Number	19			152	3241			4037	2483	19	1858			11809
Statistical Week	28	(July 7 - 13)												
Male														
Sample Number					77			69	36		30			212
Percent					20.5			18.4	9.6		8.0			56.5
Std. Error					2.1			2.0	1.5		1.4			2.6
Number					980			879	458		382			2699
Female														
Sample Number	1			2	62			66	18		14			163
Percent	0.3			0.5	16.5			17.6	4.8		3.7			43.5
Std. Error				0.4	1.9			2.0	1.1		1.0			2.6
Number	13			25	789			841	229		178			2075
All Fish 1/														
Sample Number	1			6	220			278	90		91	1		687
Percent	0.1			0.9	32.0			40.5	13.1		13.2	0.1		100.0
Std. Error				0.4	1.8			1.9	1.3		1.3			
Number	13			76	2800			3539	1146		1158	13		8745
Statistical Week	29	(July 14 - 20)												
Male														
Sample Number				1	30	1		121	12		25			190
Percent				0.3	8.3	0.3		33.6	3.3		6.9			52.8
Std. Error					1.5			2.5	0.9		1.3			2.6
Number				41	1221	41		4924	488		1017			7732
Female														
Sample Number					22			124	5		19			170
Percent					6.1			34.4	1.4		5.3			47.2
Std. Error					1.3			2.5	0.6		1.2			2.6
Number					895			5047	203		773			6918
All Fish 1/														
Sample Number				1	62	1		269	19		48			400
Percent				0.3	15.5	0.3		67.3	4.8		12.0			100.0
Std. Error					1.8			2.3	1.1		1.6			
Number				41	2523	41		10946	773		1953			16277

-Continued-

Appendix Table 1. District 101 gillnet catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985 (continued).

Statistical Week	Brood Year and Age Class											Total
	1982		1981			1980			1979			1978
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4
Statistical Week 30 (July 21 - 27)												
Male												
Sample Number				27			145	25	1	32		230
Percent				5.7			30.7	5.3	0.2	6.8		48.7
Std. Error				1.1			2.1	1.0		1.2		2.3
Number				1103			5922	1021	41	1307		9393
Female												
Sample Number			2	15			188	23		14		242
Percent			0.4	3.2			39.8	4.9		3.0		51.3
Std. Error			0.3	0.8			2.3	1.0		0.8		2.3
Number			82	613			7678	939		572		9883
All Fish 1/												
Sample Number			2	68			471	80	2	83		706
Percent			0.3	9.6			66.7	11.3	0.3	11.8		100.0
Std. Error			0.2	1.1			1.8	1.2	0.2	1.2		
Number			82	2777			19235	3267	82	3389		28832
Statistical Week 31 (July 28 - August 3)												
Male												
Sample Number		2		32	1		87	86	1	71		280
Percent		0.3		5.1	0.2		13.9	13.8	0.2	11.4		44.9
Std. Error		0.2		0.9			1.4	1.4		1.3		2.0
Number		66		1055	33		2868	2835	33	2340		9230
Female												
Sample Number				33			118	131	1	61		344
Percent				5.3			18.9	21.0	0.2	9.8		55.1
Std. Error				0.9			1.6	1.6		1.2		2.0
Number				1088			3889	4318	33	2011		11339
All Fish 1/												
Sample Number		2		65	1		205	217	2	133		625
Percent		0.3		10.4	0.2		32.8	34.7	0.3	21.3		100.0
Std. Error		0.2		1.2			1.9	1.9	0.2	1.6		
Number		66		2143	33		6757	7153	66	4384		20602
Statistical Week 32 (August 4 - 10)												
Male												
Sample Number				26			170	84		57		337
Percent				4.0			26.3	13.0		8.8		52.1
Std. Error				0.8			1.7	1.3		1.1		2.0
Number				975			6376	3151		2138		12640
Female												
Sample Number				43			167	78		22		310
Percent				6.6			25.8	12.1		3.4		47.9
Std. Error				1.0			1.7	1.3		0.7		2.0
Number				1613			6263	2926		825		11627
All Fish 1/												
Sample Number				69			338	167		79		653
Percent				10.6			51.8	25.6		12.1		100.0
Std. Error				1.2			2.0	1.7		1.3		
Number				2588			12677	6264		2963		24492
Statistical Week 33 (August 11 - 17)												
Male												
Sample Number	1			23			114	67		35		240
Percent	0.2			3.7			18.6	10.9		5.7		39.1
Std. Error				0.8			1.6	1.3		0.9		2.0
Number	30			679			3364	1977		1033		7083
Female												
Sample Number				50			202	84		38		374
Percent				8.1			32.9	13.7		6.2		60.9
Std. Error				1.1			1.9	1.4		1.0		2.0
Number				1475			5963	2479		1121		11038
All Fish 1/												
Sample Number	1			73			317	151		73		615
Percent	0.2			11.9			51.5	24.6		11.9		100.0
Std. Error				1.3			2.0	1.7		1.3		
Number	30			2154			9356	4456		2154		18150

-Continued-

Appendix Table 1. District 101 gillnet catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985 (continued).

Brood Year and Age Class													Total
1982		1981			1980			1979			1978		
0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4		
Statistical Week	34	(August 18 - 24)											
Male													
Sample Number			33			168	63		53			317	
Percent			5.2			26.4	9.9		8.3			49.8	
Std. Error			0.9			1.7	1.2		1.1			2.0	
Number			609			3103	1163		979			5854	
Female													
Sample Number			43			174	60		41		2	320	
Percent			6.8			27.3	9.4		6.4		0.3	50.2	
Std. Error			1.0			1.8	1.2		1.0		0.2	2.0	
Number			794			3213	1108		757		37	5909	
All Fish 1/													
Sample Number			76			344	123		94		2	639	
Percent			11.9			53.8	19.2		14.7		0.3	100.0	
Std. Error			1.3			2.0	1.6		1.4		0.2		
Number			1403			6353	2271		1736		37	11800	
Statistical Week	35	(August 25 - 31)											
Male													
Sample Number			2	31	1	120	58		60		2	274	
Percent			0.3	5.2	0.2	20.3	9.8		10.2		0.3	46.4	
Std. Error			0.2	0.9		1.7	1.2		1.2		0.2	2.1	
Number			10	159	5	614	297		306		10	1401	
Female													
Sample Number		1		47		144	76	3	43		3	317	
Percent		0.2		8.0		24.4	12.9	0.5	7.3		0.5	53.6	
Std. Error				1.1		1.8	1.4	0.3	1.1		0.3	2.1	
Number		5		240		736	389	15	221		15	1621	
All Fish 1/													
Sample Number		1	2	78	1	264	134	3	104		5	592	
Percent		0.2	0.3	13.2	0.2	44.6	22.6	0.5	17.6		0.8	100.0	
Std. Error			0.2	1.4		2.0	1.7	0.3	1.6		0.4		
Number		5	10	399	5	1350	686	15	532		25	3027	
Statistical Weeks	36 - 38	(Sept. 1 - 21)											
Male													
Sample Number				21	1	100	42	5	77		8	254	
Percent				4.8	0.2	23.0	9.7	1.2	17.7		1.8	58.5	
Std. Error				1.0		2.0	1.4	0.5	1.8		0.6	2.4	
Number				57	3	275	116	14	212		22	699	
Female													
Sample Number			18			64	23		64	2	9	180	
Percent			4.1			14.7	5.3		14.7	0.5	2.1	41.5	
Std. Error			1.0			1.7	1.1		1.7	0.3	0.7	2.4	
Number			50			176	63		176	6	25	496	
All Fish													
Sample Number			39		1	164	65	5	141	2	17	434	
Percent			9.0		0.2	37.8	15.0	1.2	32.5	0.5	3.9	100.0	
Std. Error			1.4			2.3	1.7	0.5	2.3	0.3	0.9		
Number			107		3	451	179	14	388	6	47	1195	
Combined Periods (Percentages are weighted by period catches)													
Male													
Sample Number	5	2	86	433	4	1	1320	585	8	560	1	10	3015
Percent	0.1	<0.1	1.2	6.4	0.1	<0.1	21.8	9.2	0.1	8.1	<0.1	<0.1	47.0
Std. Error	<0.1	<0.1	0.1	0.4	<0.1		0.6	0.4	<0.1	0.4		<0.1	0.7
Number	124	66	1876	9753	82	21	33279	14043	109	12337	21	32	71743
Female													
Sample Number	2	1	78	522		3	1537	704	4	456	2	14	3323
Percent	<0.1	<0.1	1.1	7.7		<0.1	26.3	11.3	<0.1	6.3	<0.1	0.1	53.0
Std. Error	<0.1		0.1	0.4		<0.1	0.6	0.4	<0.1	0.3	<0.1	<0.1	0.7
Number	38	5	1745	11788		64	40112	17199	48	9679	6	77	80761
All Fish 1/													
Sample Number	7	3	174	1131	4	4	3262	1413	14	1141	4	24	7181
Percent	0.1	<0.1	2.2	14.6	<0.1	<0.1	48.5	19.8	0.1	14.5	<0.1	0.1	100.0
Std. Error	<0.1	<0.1	0.2	0.4	<0.1	<0.1	0.6	0.5	<0.1	0.5	<0.1	<0.1	
Number	162	71	3808	25197	82	85	83811	34267	217	25013	40	109	172863

1/ Includes unsexed fish totals.

Appendix Table 2. Length composition of the District 101 gillnet catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class											
		1982		1981			1980			1979		1978	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4
Statistical Week	25 (June 16 - 22)												
Male	Avg. Length			566.6	545.0		620.0	598.1	556.0	580.0	592.0	575.0	
	Std. Error			3.0	7.2			2.9	4.4		13.1		
	Sample Size			63	10		1	98	21	1	43	1	
Female	Avg. Length			548.3	531.8		546.7	577.3	542.7		594.6		
	Std. Error			3.2	2.8		21.7	2.5	2.0		2.8		
	Sample Size			49	41		3	135	64		72		
All Fish 1/Avg. Length				558.3	534.0		565.0	586.0	546.0	580.0	593.6	575.0	
	Std. Error			2.3	2.7		23.9	2.0	2.0		5.2		
	Sample Size			113	52		4	233	85	1	115	1	
Statistical Week	26 (June 23 - 29)												
Male	Avg. Length	468.0		560.0	541.5			585.7	554.4		594.5		
	Std. Error	18.0		5.8	2.5			3.6	3.3		5.4		
	Sample Size	3		17	61			72	60		41		
Female	Avg. Length	505.0		539.0	527.3			555.9	535.8		566.1		
	Std. Error			5.4	2.2			2.7	2.7		5.3		
	Sample Size	1		20	91			82	81		37		
All Fish 1/Avg. Length		475.0		550.8	532.7			570.9	545.1		582.7		
	Std. Error	16.2		4.3	1.7			2.4	2.1		4.0		
	Sample Size	4		40	158			165	151		82		
Statistical Week	27 (June 30 - July 6)												
Male	Avg. Length	495.0		545.0	535.2			574.8	552.9		608.6		
	Std. Error			5.0	3.8			4.3	4.2		5.0		
	Sample Size	1		2	62			54	31		36		
Female	Avg. Length			529.6	524.4			567.6	532.4		580.2		
	Std. Error			10.4	3.1			3.0	2.7		5.2		
	Sample Size			5	57			70	60		31		
All Fish 1/Avg. Length		495.0		536.0	529.5			571.5	541.9	570.0	596.4		
	Std. Error			7.0	2.1			1.8	2.0		3.2		
	Sample Size	1		8	171			209	130	1	98		
Statistical Week	28 (July 7 - 13)												
Male	Avg. Length				522.3			592.4	547.5		601.7		
	Std. Error				6.8			3.2	4.6		6.1		
	Sample Size				77			69	36		30		
Female	Avg. Length	495.0		552.5	518.9			566.4	538.9		572.1		
	Std. Error			32.5	3.3			3.2	4.8		9.6		
	Sample Size	1		2	62			66	18		14		
All Fish 1/Avg. Length		495.0		564.2	520.7			577.7	542.7		601.4	520.0	
	Std. Error			10.2	2.7			1.6	2.4		3.7		
	Sample Size	1		6	220			278	90		91	1	
Statistical Week	29 (July 14 - 20)												
Male	Avg. Length			590.0	518.3	545.0		575.8	544.2		586.0		
	Std. Error				3.0			2.4	12.0		8.6		
	Sample Size			1	30	1		121	12		25		
Female	Avg. Length				506.1			559.2	545.0		581.1		
	Std. Error				3.5			2.0	15.1		8.6		
	Sample Size				22			124	5		19		
All Fish 1/Avg. Length				590.0	513.8	545.0		568.2	548.4		585.5		
	Std. Error				2.3			1.6	8.9		6.1		
	Sample Size			1	62	1		269	19		48		
Statistical Week	30 (July 21 - 27)												
Male	Avg. Length				522.2			587.2	558.8	600.0	612.5		
	Std. Error				4.4			2.2	6.5		7.0		
	Sample Size				27			145	25	1	32		
Female	Avg. Length			572.5	520.0			569.6	552.8		605.7		
	Std. Error			7.5	6.0			1.6	4.8		10.5		
	Sample Size			2	15			188	23		14		
All Fish 1/Avg. Length				572.5	521.5			576.5	552.4	605.0	608.9		
	Std. Error			7.5	3.1			1.1	2.9	5.0	4.2		
	Sample Size			2	68			471	80	2	83		
Statistical Week	31 (July 28 - August 3)												
Male	Avg. Length	367.5			529.1	350.0		586.0	564.8	595.0	611.7		
	Std. Error	27.5			6.0			3.8	2.7		4.4		
	Sample Size	2			32	1		87	86	1	71		
Female	Avg. Length				519.2			572.0	554.7	590.0	584.1		
	Std. Error				3.9			2.4	2.6		4.9		
	Sample Size				32			118	131	1	60		
All Fish 1/Avg. Length		367.5			524.1	350.0		578.0	558.7	592.5	599.2		
	Std. Error	27.5			3.6			2.2	1.9	2.5	3.5		
	Sample Size	2			64	1		205	217	2	132		

-Continued-

Appendix Table 2. Length composition of the District 101 gillnet catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985 (continued).

		Brood Year and Age Class											
		1982		1981		1980			1979			1978	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4
Statistical Week	32 (August 4 - 10)												
Male	Avg. Length			526.2			586.4	562.4		616.3			
	Std. Error			6.3			1.7	2.8		4.8			
	Sample Size			26			169	84		57			
Female	Avg. Length			510.3			576.0	546.3		584.5			
	Std. Error			4.3			1.8	2.4		5.0			
	Sample Size			43			167	78		22			
All Fish 1/	Avg. Length			516.3			581.1	554.6		607.5			
	Std. Error			3.7			1.3	1.9		4.1			
	Sample Size			69			337	167		79			
Statistical Week	33 (August 11 - 17)												
Male	Avg. Length	495.0		526.3			594.0	565.0		601.0			
	Std. Error			8.2			2.1	3.2		6.2			
	Sample Size	1		23			114	67		35			
Female	Avg. Length			521.9			575.5	549.3		591.4			
	Std. Error			2.6			1.6	2.7		5.1			
	Sample Size			50			202	84		38			
All Fish 1/	Avg. Length	495.0		523.3			582.1	556.3		596.0			
	Std. Error			3.1			1.4	2.2		4.0			
	Sample Size	1		73			317	151		73			
Statistical Week	34 (August 18 - 24)												
Male	Avg. Length			535.9			591.3	566.9		604.1			
	Std. Error			3.3			2.2	4.2		4.7			
	Sample Size			33			168	63		53			
Female	Avg. Length			533.5			576.1	553.2		578.7		610.0	
	Std. Error			3.1			1.7	2.6		5.2		5.0	
	Sample Size			43			174	60		41		2	
All Fish 1/	Avg. Length			534.5			583.5	560.2		593.0		610.0	
	Std. Error			2.2			1.4	2.5		3.7		5.0	
	Sample Size			76			344	123		94		2	
Statistical Week	35 (August 25 - 31)												
Male	Avg. Length			525.0	525.2	451.0	588.5	553.5		601.4		610.0	
	Std. Error				6.0		2.9	6.5		5.3		10.0	
	Sample Size			2	31	1	120	58		60		2	
Female	Avg. Length		535.0		506.3		574.5	539.3	581.7	582.7		620.0	
	Std. Error				5.7		2.6	2.9	31.1	5.5		10.0	
	Sample Size		1		47		144	76	3	43		3	
All Fish 1/	Avg. Length		535.0	525.0	515.0	451.0	580.9	545.4	581.7	593.4		616.0	
	Std. Error				4.3		2.0	3.3	31.1	3.9		6.8	
	Sample Size		1	2	78	1	264	134	3	104		5	
Statistical Weeks	36 - 38 (Sept. 1 - 21)												
Male	Avg. Length			546.2	465.0		597.7	571.6	620.0	602.4		595.0	
	Std. Error			4.8			2.3	6.7	6.1	4.0		7.6	
	Sample Size			21	1		100	42	5	77		8	
Female	Avg. Length			538.6			584.1	553.0		582.2	532.5	589.4	
	Std. Error			4.8			2.4	8.5		2.7	7.5	7.4	
	Sample Size			18			64	23		64	2	9	
All Fish	Avg. Length			542.7	465.0		592.4	565.0	620.0	593.2	532.5	592.1	
	Std. Error			3.4			1.8	5.3	6.1	2.6	7.5	5.2	
	Sample Size			39	1		164	65	5	141	2	17	
Combined Periods (Unweighted)													
Male	Avg. Length	477.0	367.5	564.1	530.4	452.8	620.0	588.5	560.3	609.4	603.8	575.0	598.0
	Std. Error	12.3	27.5	2.6	1.7	40.0		0.8	1.3	6.6	1.8		6.5
	Sample Size	5	2	85	433	4	1	1317	585	8	560	1	10
Female	Avg. Length	500.0	535.0	545.4	521.8		546.7	572.0	545.6	583.8	583.9	532.5	598.9
	Std. Error	5.0		2.7	1.1		21.7	0.6	1.0	22.1	1.5	7.5	6.2
	Sample Size	2	1	78	521		3	1534	703	4	455	2	14
All Fish 1/	Avg. Length	483.6	423.3	555.7	525.4	452.8	565.0	579.0	551.8	599.3	596.1	540.0	598.5
	Std. Error	9.6	58.0	2.0	0.9	40.0	23.9	0.5	0.8	7.8	1.2	12.4	4.4
	Sample Size	7	3	172	1130	4	4	3256	1412	14	1140	4	24

1/ Includes unsexed fish totals.

Appendix Table 3. District 106-30 (upper Clarence Strait) gillnet catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class														
	1982		1981			1980			1979			1978		
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	Total
Statistical Week	25	(June 16 - 22)												
Male														
Sample Number	1		1	3		48	1			11				65
Percent	0.6		0.6	1.8		28.2	0.6			6.5				38.2
Std. Error				1.0		3.5				1.9				3.7
Number	15		15	45		723	15			166				979
Female														
Sample Number				3		78	2			22				105
Percent				1.8		45.9	1.2			12.9				61.8
Std. Error				1.0		3.8	0.8			2.6				3.7
Number				45		1175	30			331				1581
All Fish														
Sample Number	1		1	6		126	3			33				170
Percent	0.6		0.6	3.5		74.1	1.8			19.4				100.0
Std. Error				1.4		3.4	1.0			3.0				
Number	15		15	90		1898	45			497				2560
Statistical Week	26	(June 23 - 29)												
Male														
Sample Number			3	16		198	7			45				269
Percent			0.4	2.4		29.7	1.0			6.7				40.3
Std. Error			0.3	0.6		1.8	0.4			1.0				1.9
Number			46	246		3037	108			690				4127
Female														
Sample Number			2	18		303	21			53			1	398
Percent			0.3	2.7		45.4	3.1			7.9			0.1	59.7
Std. Error			0.2	0.6		1.9	0.7			1.0				1.9
Number			31	276		4649	322			813			15	6106
All Fish														
Sample Number			5	34		501	28			98			1	667
Percent			0.7	5.1		75.1	4.2			14.7			0.1	100.0
Std. Error			0.3	0.9		1.7	0.8			1.4				
Number			77	522		7686	430			1503			15	10233
Statistical Week	27	(June 30 - July 6)												
Male														
Sample Number			3	9		282	13			2	20			329
Percent			0.4	1.2		38.1	1.8			0.3	2.7			44.5
Std. Error			0.2	0.4		1.8	0.5			0.2	0.6			1.8
Number			31	92		2871	132			20	204			3350
Female														
Sample Number			5	16		345	13			1	30		1	411
Percent			0.7	2.2		46.6	1.8			0.1	4.1		0.1	55.5
Std. Error			0.3	0.5		1.8	0.5				0.7			1.8
Number			50	163		3514	133			11	306		10	4186
All Fish														
Sample Number			8	25		627	26			3	50		1	740
Percent			1.1	3.4		84.7	3.5			0.4	6.8		0.1	100.0
Std. Error			0.4	0.7		1.3	0.7			0.2	0.9			
Number			81	255		6385	268			31	509		10	7536
Statistical Week	28	(July 7 - 13)												
Male														
Sample Number			2	17		188	17				16			240
Percent			0.4	3.0		33.6	3.0				2.9			42.9
Std. Error			0.3	0.7		2.0	0.7				0.7			2.1
Number			41	351		3878	350				330			4950
Female														
Sample Number				24		265	14				16			319
Percent				4.3		47.4	2.5				2.9			57.1
Std. Error				0.9		2.1	0.7				0.7			2.1
Number				495		5466	289				330			6580
All Fish														
Sample Number			2	41		453	31				32			559
Percent			0.4	7.3		81.0	5.5				5.7			100.0
Std. Error			0.3	1.1		1.7	1.0				1.0			
Number			41	846		9344	639				660			11530
Statistical Week	29	(July 14 - 20)												
Male														
Sample Number			5	12	1	181	19			2	14		1	235
Percent			0.8	2.0	0.2	30.5	3.2			0.3	2.4		0.2	39.6
Std. Error			0.4	0.6		1.9	0.7			0.2	0.6			2.0
Number			89	214	18	3230	339			36	250		18	4194
Female														
Sample Number			3	12		309	11			2	21			358
Percent			0.5	2.0		52.1	1.9			0.3	3.5			60.4
Std. Error			0.3	0.6		2.1	0.6			0.2	0.8			2.0
Number			54	214		5514	196			35	375			6388
All Fish														
Sample Number			8	24	1	490	30			4	35		1	593
Percent			1.3	4.0	0.2	82.6	5.1			0.7	5.9		0.2	100.0
Std. Error			0.5	0.8		1.6	0.9			0.3	1.0			
Number			143	428	18	8744	535			71	625		18	10582

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Appendix Table 3. District 106-30 (upper Clarence Strait) gillnet catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985 (continued).

Brood Year and Age Class															
		1982		1981			1980			1979			1978		Total
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	
Statistical Week	30	(July 21 - 27)													
Male															
Sample Number				3	15		176	21			31				246
Percent				0.5	2.5		29.6	3.5			5.2				41.3
Std. Error				0.3	0.6		1.9	0.8			0.9				2.0
Number				97	485		5697	680			1004				7963
Female															
Sample Number				2	10		285	25		1	26				349
Percent				0.3	1.7		47.9	4.2		0.2	4.4				58.7
Std. Error				0.2	0.5		2.0	0.8			0.8				2.0
Number				65	324		9226	809		32	842				11296
All Fish															
Sample Number				5	25		461	46		1	57				595
Percent				0.8	4.2		77.5	7.7		0.2	9.6				100.0
Std. Error				0.4	0.8		1.7	1.1			1.2				2.0
Number				162	809		14923	1489		32	1846				19261
Statistical Week	31	(July 28 - August 3)													
Male															
Sample Number					20	2	201	16			11				250
Percent					2.9	0.3	29.5	2.3			1.6				36.7
Std. Error					0.6	0.2	1.7	0.6			0.5				1.8
Number					498	50	5003	398			274				6223
Female															
Sample Number				2	34		362	19			15				432
Percent				0.3	5.0		53.1	2.8			2.2				63.3
Std. Error				0.2	0.8		1.9	0.6			0.8				1.8
Number				50	846		9010	473			373				10752
All Fish															
Sample Number				2	54	2	563	35			26				662
Percent				0.3	7.9	0.3	82.6	5.1			3.8				100.0
Std. Error				0.2	1.0	0.2	1.5	0.8			0.7				2.0
Number				50	1344	50	14013	871			647				16975
Statistical Week	32	(August 4 - 10)													
Male															
Sample Number			1	1	12		133	30			23				200
Percent			0.2	0.2	2.0		22.5	5.1			3.9				33.8
Std. Error					0.6		1.7	0.9			0.8				1.9
Number			7	7	78		873	197			151				1313
Female															
Sample Number				1	28		298	25		2	37			1	392
Percent				0.2	4.7		50.3	4.2		0.3	6.3			0.2	66.2
Std. Error					0.9		2.1	0.8		0.2	1.0				1.9
Number				7	184		1954	164		13	243			7	2572
All Fish															
Sample Number			1	2	40		431	55		2	60			1	592
Percent			0.2	0.3	6.8		72.8	9.3		0.3	10.1			0.2	100.0
Std. Error				0.2	1.0		1.8	1.2		0.2	1.2				2.0
Number			7	14	262		2627	361		13	394			7	3685
Statistical Week	33	(August 11 - 17)													
Male															
Sample Number					40	2	216	41		3	23	1			326
Percent					5.2	0.3	27.9	5.3		0.4	3.0	0.1			42.1
Std. Error					0.8	0.2	1.6	0.8		0.2	0.6				1.8
Number					273	14	1476	280		20	157	7			2227
Female															
Sample Number				6	34		310	48	1	1	48		1		449
Percent				0.8	4.4		40.0	6.2	0.1	0.1	6.2		0.1		57.9
Std. Error				0.3	0.7		1.8	0.9			0.9				1.8
Number				41	232		2117	328	7	7	328		7		3067
All Fish															
Sample Number				6	74	2	526	89	1	4	71	1	1		775
Percent				0.8	9.5	0.3	67.9	11.5	0.1	0.5	9.2	0.1	0.1		100.0
Std. Error				0.3	1.1	0.2	1.7	1.1		0.3	1.0				2.0
Number				41	505	14	3593	606	7	27	485	7	7		5294
Statistical Week	34	(August 18 - 24)													
Male															
Sample Number			1		29	1	167	25		1	49				273
Percent			0.2		4.8	0.2	27.4	4.1		0.2	8.0				44.8
Std. Error					0.9		1.8	0.8			1.1				2.0
Number			5		156	5	902	135		5	264				1472
Female															
Sample Number					56		196	24			62				337
Percent					9.2		32.0	3.9			10.2				55.2
Std. Error					1.2		1.9	0.8			1.2				2.0
Number					302		1053	129			334				1816
All Fish															
Sample Number			1		85	1	362	49		1	111				510
Percent			0.2		13.9	0.2	59.3	8.0		0.2	18.2				100.0
Std. Error					1.4		2.0	1.1			1.6				2.0
Number			5		458	5	1955	264		5	598				3290

continued

Appendix Table 3. District 106-30 (upper Clarence Strait) gillnet catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985 (continued).

Brood Year and Age Class														
1982		1981			1980			1979			1978		Total	
0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3		
Statistical Weeks 35 - 39 (August 25 - Sept. 28)														
Male														
Sample Number	1		4		39	4			18					66
Percent	0.9		3.6		34.8	3.6			16.1					58.9
Std. Error			1.8		4.5	1.8			3.5					4.7
Number	16		65		639	65			295					1080
Female														
Sample Number			5	1	30	5			5					46
Percent			4.5	0.9	26.8	4.5			4.5					41.1
Std. Error			2.0		4.2	2.0			2.0					4.7
Number			82	16	491	82			82					753
All Fish														
Sample Number	1		9	1	69	9			23					112
Percent	0.9		8.0	0.9	61.6	8.0			20.5					100.0
Std. Error			2.6		4.6	2.6			3.8					
Number	16		147	16	1130	147			377					1833
Combined Periods (Percentages are weighted by period catches)														
Male														
Sample Number	1	3	18	177	6	1829	194		8	261	1	1		2499
Percent	<0.1	<0.1	0.4	2.7	0.1	30.5	2.9		0.1	4.1	<0.1	<0.1		40.7
Std. Error		<0.1	0.1	0.2	<0.1	0.7	0.2		<0.1	0.3				0.7
Number	15	28	326	2502	87	28329	2700		81	3785	7	18		37878
Female														
Sample Number			21	240	1	2780	207	1	7	335	1	1	2	3596
Percent			0.3	3.4	<0.1	47.5	3.2	<0.1	0.1	4.7	<0.1	<0.1	<0.1	59.3
Std. Error			0.1	0.3		0.7	0.3		<0.1	0.3			<0.1	0.7
Number			298	3163	16	44169	2955	7	98	4356	10	7	22	55101
All Fish														
Sample Number	1	3	39	417	7	4609	401	1	15	596	2	2	2	6095
Percent	<0.1	<0.1	0.7	6.1	0.1	78.0	6.1	<0.1	0.2	8.8	<0.1	<0.1	<0.1	100.0
Std. Error		<0.1	0.1	0.3	<0.1	0.6	0.3		0.1	0.4	<0.1	<0.1	<0.1	
Number	15	28	624	5666	103	72498	5654	7	179	8141	17	25	22	92979

Appendix Table 4. Length composition of the District 106-30 (upper Clarence Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class														
		1982		1981			1980			1979			1978	
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3
Statistical Week 25 (June 16 - 22)														
Male	Avg. Length	485.0		595.0	516.7		580.4	490.0			595.9			
	Std. Error				6.0		3.2				8.9			
	Sample Size	1		1	3		48	1			11			
Female	Avg. Length				511.7		567.3	500.0			573.9			
	Std. Error				6.0		2.6	10.0			6.5			
	Sample Size				3		78	2			22			
All Fish	Avg. Length	485.0		595.0	514.2		572.3	496.7			581.2			
	Std. Error				4.0		2.1	6.7			5.5			
	Sample Size	1		1	6		126	3			33			
Statistical Week 26 (June 23 - 29)														
Male	Avg. Length			573.3	527.8		585.0	527.1			578.4			
	Std. Error			9.3	6.3		1.7	12.9			4.4			
	Sample Size			3	16		198	7			45			
Female	Avg. Length			562.5	507.5		567.3	522.4			567.3		585.0	
	Std. Error			7.5	8.0		1.3	7.2			3.8			
	Sample Size			2	18		303	21			53		1	
All Fish	Avg. Length			569.0	517.1		574.3	523.6			572.4		585.0	
	Std. Error			6.2	5.4		1.1	6.2			2.9			
	Sample Size			5	34		501	28			98		1	
Statistical Week 27 (June 30 - July 6)														
Male	Avg. Length			583.3	520.0		583.2	541.2		592.5	574.1			
	Std. Error			6.7	13.4		1.7	8.9		12.5	7.0			
	Sample Size			3	9		282	13		2	20			
Female	Avg. Length			592.0	513.1		562.8	535.0		580.0	577.0	530.0		
	Std. Error			23.2	6.0		1.5	8.2			5.3			
	Sample Size			5	16		345	13		1	30	1		
All Fish	Avg. Length			588.8	515.6		572.0	538.1		588.3	575.8	530.0		
	Std. Error			14.1	6.0		1.2	6.0		8.3	4.2			
	Sample Size			8	25		627	26		3	50	1		
Statistical Week 28 (July 7 - 13)														
Male	Avg. Length			555.0	535.3		580.8	525.3			574.4			
	Std. Error			20.0	7.4		2.1	4.2			8.0			
	Sample Size			2	17		188	17			16			
Female	Avg. Length				525.6		568.5	522.9			570.0			
	Std. Error				6.6		1.3	3.5			4.9			
	Sample Size				24		265	14			16			
All Fish	Avg. Length			555.0	529.6		573.6	524.2			572.2			
	Std. Error			20.0	4.9		1.2	2.8			4.6			
	Sample Size			2	41		453	31			32			
Statistical Week 29 (July 14 - 20)														
Male	Avg. Length			583.0	501.7	345.0	577.4	526.3		625.0	609.3		565.0	
	Std. Error			7.7	12.4		3.9	6.0		5.0	5.1			
	Sample Size			5	12	1	181	19		2	14		1	
Female	Avg. Length			551.7	480.8		567.3	535.0		602.5	570.0			
	Std. Error			6.0	43.9		1.4	12.8		17.5	6.5			
	Sample Size			3	12		309	11		2	21			
All Fish	Avg. Length			571.3	491.3	345.0	571.1	529.5		613.8	585.7		565.0	
	Std. Error			7.6	22.4		1.7	6.0		9.9	5.5			
	Sample Size			8	24	1	490	30		4	35		1	
Statistical Week 30 (July 21 - 27)														
Male	Avg. Length			571.7	508.3		583.8	537.1			594.7			
	Std. Error			9.3	8.3		1.9	7.5			7.8			
	Sample Size			3	15		176	21			31			
Female	Avg. Length			595.0	531.5		567.5	536.6		595.0	578.7			
	Std. Error			20.0	5.1		1.3	6.2			6.9			
	Sample Size			2	10		285	25		1	26			
All Fish	Avg. Length			581.0	517.6		573.7	536.8		595.0	587.4			
	Std. Error			9.9	5.8		1.1	4.7			5.4			
	Sample Size			5	25		461	46		1	57			

-Continued-

Appendix Table 4. Length composition of the District 106-30 (upper Clarence Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985 (continued).

		Brood Year and Age Class												
		1982		1981			1980			1979			1978	
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3
Statistical Week	31 (July 28 - August 3)													
Male	Avg. Length				532.3	375.0	584.1	522.2			614.5			
	Std. Error				6.0		1.8	10.3			11.7			
	Sample Size				20	2	201	16			11			
Female	Avg. Length			590.0	520.4		569.8	543.2			575.7			
	Std. Error			20.0	4.0		1.1	5.8			8.8			
	Sample Size			2	34		362	19			15			
All Fish	Avg. Length			590.0	524.8	375.0	574.9	533.6			592.1			
	Std. Error			20.0	3.4		1.0	5.9			8.0			
	Sample Size			2	54	2	563	35			26			
Statistical Week	32 (August 4 - 10)													
Male	Avg. Length		375.0	590.0	538.3		580.4	533.5			579.8			
	Std. Error				9.8		3.1	4.7			7.0			
	Sample Size		1	1	12		133	30			23			
Female	Avg. Length			555.0	529.8		567.9	541.4		617.5	575.7			565.0
	Std. Error				4.8		1.3	6.5		2.5	5.4			
	Sample Size			1	28		298	25		2	37			1
All Fish	Avg. Length		375.0	572.5	532.4		571.8	537.1		617.5	577.3			565.0
	Std. Error			17.5	4.4		1.3	3.9		2.5	4.3			
	Sample Size		1	2	40		431	55		2	60			1
Statistical Week	33 (August 11 - 17)													
Male	Avg. Length				522.4	385.0	580.3	530.9		630.0	577.0	550.0		
	Std. Error				4.3	5.0	1.9	4.9		20.2	6.3			
	Sample Size				40	2	216	41		3	23	1		
Female	Avg. Length			540.8	528.7		574.8	540.1	410.0	555.0	576.0		610.0	
	Std. Error			12.3	5.4		2.0	4.9			6.7			
	Sample Size			6	34		310	48	1	1	48		1	
All Fish	Avg. Length			540.8	525.3	385.0	577.0	535.8	410.0	611.3	576.3	550.0	610.0	
	Std. Error			12.3	3.4	5.0	1.4	3.5		23.6	4.9			
	Sample Size			6	74	2	526	89	1	4	71	1	1	
Statistical Week	34 (August 18 - 24)													
Male	Avg. Length		370.0		519.7	385.0	579.8	523.8		595.0	589.0			
	Std. Error				4.7		2.3	5.0			5.8			
	Sample Size		1		29	1	167	25		1	49			
Female	Avg. Length				521.8		570.7	535.0			574.7			
	Std. Error				3.4		1.7	3.5			4.6			
	Sample Size				56		195	24			62			
All Fish	Avg. Length		370.0		521.1	385.0	574.9	529.3		595.0	581.0			
	Std. Error				2.7		1.4	3.1			3.7			
	Sample Size		1		85	1	362	49		1	111			
Statistical Weeks	35 - 39 (August 25 - Sept. 28)													
Male	Avg. Length		390.0		547.5		592.2	520.0			599.2			
	Std. Error				9.2		5.3	4.1			6.5			
	Sample Size		1		4		39	4			18			
Female	Avg. Length				510.0	355.0	573.5	522.0			586.0			
	Std. Error				10.0		4.5	7.8			12.4			
	Sample Size				5	1	30	5			5			
All Fish	Avg. Length		390.0		526.7	355.0	584.1	521.1			596.3			
	Std. Error				9.2		3.7	4.5			5.7			
	Sample Size		1		9	1	69	9			23			
Combined Periods (Unweighted)														
Male	Avg. Length	486.0	378.3	577.5	523.6	375.0	582.0	529.5		615.0	587.1	550.0	565.0	
	Std. Error		6.0	4.1	2.3	6.5	0.7	2.1		9.5	2.2			
	Sample Size	1	3	18	177	6	1829	194		8	261	1	1	
Female	Avg. Length			567.1	520.2	355.0	568.4	535.1	410.0	595.7	574.0	530.0	610.0	575.0
	Std. Error			8.2	2.8		0.5	2.1		9.2	1.8			10.0
	Sample Size			21	240	1	2780	207	1	7	335	1	1	2
All Fish	Avg. Length	485.0	378.3	571.9	521.7	372.1	573.8	532.4	410.0	606.0	579.7	540.0	587.5	575.0
	Std. Error		6.0	4.8	1.9	6.2	0.4	1.5		6.9	1.4	10.0	22.5	10.0
	Sample Size	1	3	39	417	7	4609	401	1	15	596	2	2	2

Appendix Table 5. District 106-41 (Sumner Strait) gillnet catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class												
	1982	1981		1980		1979		1978				
	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	1.5	3.3	2.4	
Statistical Week	25	(June 16 - 22)										Total
Male												
Sample Number		2	7	190	6		60	1			266	
Percent		0.3	1.2	31.6	1.0		10.0	0.2			44.3	
Std. Error		0.2	0.4	1.9	0.4		1.2				2.0	
Number		32	112	3049	96		963	16			4268	
Female												
Sample Number		1	7	236	9		81			1	335	
Percent		0.2	1.2	39.3	1.3		13.5			0.2	55.7	
Std. Error			0.4	2.0	0.5		1.4				2.0	
Number		16	112	3787	144		1300			16	5375	
All Fish												
Sample Number		3	14	426	15		141	1		1	601	
Percent		0.5	2.3	70.9	2.3		23.5	0.2		0.2	100.0	
Std. Error		0.3	0.6	1.9	0.6		1.7					
Number		48	224	6836	240		2263	16		16	9643	
Statistical Week	27	(June 30 - July 6)										
Male												
Sample Number		2	22	269	16		43				352	
Percent		0.3	3.4	42.1	2.5		6.7				53.7	
Std. Error		0.2	0.7	2.0	0.6		1.0				2.0	
Number		65	718	8779	522		1403				11487	
Female												
Sample Number		1	13	237	8		27		1		287	
Percent		0.2	2.0	37.1	1.3		4.2		0.2		44.9	
Std. Error			0.6	1.9	0.4		0.8				2.0	
Number		33	424	7733	261		881		33		9365	
All Fish												
Sample Number		3	35	506	24		70		1		639	
Percent		0.5	5.5	79.2	3.8		11.0		0.2		100.0	
Std. Error		0.3	0.9	1.6	0.8		1.2					
Number		98	1142	16512	783		2284		33		20852	
Statistical Week	28	(July 7 - 13)										
Male												
Sample Number			33	253	20		50			1	357	
Percent			4.7	35.8	2.8		7.1			0.1	50.6	
Std. Error			0.8	1.8	0.6		1.0				1.9	
Number			1219	9343	738		1846			37	13183	
Female												
Sample Number		1	13	281	15		39				349	
Percent		0.1	1.8	39.8	2.1		5.5				49.4	
Std. Error			0.5	1.8	0.5		0.9				1.9	
Number		37	480	10377	554		1440				12888	
All Fish												
Sample Number		1	46	534	35		89			1	706	
Percent		0.1	6.5	75.6	5.0		12.6			0.1	100.0	
Std. Error			0.9	1.6	0.8		1.3					
Number		37	1699	19720	1292		3286			37	26071	
Statistical Week	29	(July 14 - 20)										
Male												
Sample Number			23	163	13		22				221	
Percent			3.9	27.6	2.2		3.7				37.4	
Std. Error			0.8	1.8	0.6		0.8				2.0	
Number			1297	9189	733		1240				12459	
Female												
Sample Number		3	18	305	8		36				370	
Percent		0.5	3.0	51.6	1.4		6.1				62.6	
Std. Error		0.3	0.7	2.1	0.5		1.0				2.0	
Number		169	1014	17195	451		2030				20859	
All Fish												
Sample Number		3	41	468	21		58				591	
Percent		0.5	6.9	79.2	3.6		9.8				100.0	
Std. Error		0.3	1.0	1.7	0.8		1.2					
Number		169	2311	26384	1184		3270				33318	
Statistical Week	30	(July 21 - 27)										
Male												
Sample Number		3	33	245	11	1	18				311	
Percent		0.5	5.1	38.0	1.7	0.2	2.8				48.3	
Std. Error		0.3	0.9	1.9	0.5		0.7				2.0	
Number		129	1420	10542	473	43	774				13381	
Female												
Sample Number		3	16	282	8	1	23				333	
Percent		0.5	2.5	43.8	1.2	0.2	3.6				51.7	
Std. Error		0.3	0.6	2.0	0.4		0.7				2.0	
Number		129	688	12133	344	43	990				14327	
All Fish												
Sample Number		6	49	527	19	2	41				644	
Percent		0.9	7.6	81.8	3.0	0.3	6.4				100.0	
Std. Error		0.4	1.0	1.5	0.7	0.2	1.0					
Number		258	2108	22675	817	86	1764				27708	
Statistical Week	31	(July 28 - August 3)										
Male												
Sample Number		3	13	139	13		11				179	
Percent		0.5	2.1	22.3	2.1		1.8				28.7	
Std. Error		0.3	0.6	1.7	0.6		0.5				1.8	
Number		161	697	7458	697		590				9603	
Female												
Sample Number		1	28	374	16	1	25				445	
Percent		0.2	4.5	59.9	2.6	0.2	4.0				71.3	
Std. Error			0.8	2.0	0.6		0.8				1.8	
Number		54	1502	20063	858	54	1341				23872	
All Fish												
Sample Number		4	41	513	29	1	36				624	
Percent		0.6	6.6	82.2	4.6	0.2	5.8				100.0	
Std. Error		0.3	1.0	1.5	0.8		0.9					
Number		215	2199	27521	1555	54	1931				33475	

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Appendix Table 5. District 106-41 (Sumner Strait) gillnet catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985 (continued).

Brood Year and Age Class												Total
	1982	1981		1980		1979		1978				
	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	1.5	3.3	2.4	
	Statistical Week	32	(August 4 - 10)									
Male												
Sample Number		1	23	176	33	4	28			1	1	267
Percent		0.2	3.5	27.2	5.1	0.6	4.3			0.2	0.2	41.2
Std. Error			0.7	1.7	0.9	0.3	0.8					1.9
Number		15	342	2622	492	60	417			15	15	3978
Female												
Sample Number		2	22	296	36		25					381
Percent		0.3	3.4	45.7	5.6		3.9					58.8
Std. Error		0.2	0.7	2.0	0.9		0.8					1.9
Number		30	328	4410	536		372					5676
All Fish												
Sample Number		3	45	472	69	4	53			1	1	648
Percent		0.5	6.9	72.8	10.6	0.6	8.2			0.2	0.2	100.0
Std. Error		0.3	1.0	1.7	1.2	0.3	1.1					2.0
Number		45	670	7032	1028	60	789			15	15	9654
Statistical Week	33	(August 11 - 17)										
Male												
Sample Number			21	243	30		28					322
Percent			3.5	40.5	5.0		4.7					53.7
Std. Error			0.8	2.0	0.9		0.9					2.0
Number			260	3011	372		347					3990
Female												
Sample Number			29	217	17	1	14					278
Percent			4.8	36.2	2.8	0.2	2.3					46.3
Std. Error			0.9	2.0	0.7		0.6					2.0
Number			359	2689	211	12	173					3444
All Fish												
Sample Number			50	460	47	1	42					600
Percent			8.3	76.7	7.8	0.2	7.0					100.0
Std. Error			1.1	1.7	1.1		1.0					2.0
Number			619	5700	583	12	520					7434
Statistical Week	34	(August 18 - 24)										
Male												
Sample Number	1		29	160	24	1	58	1		2		276
Percent	0.2		4.8	26.4	4.0	0.2	9.6	0.2		0.3		45.5
Std. Error			0.9	1.8	0.8		1.2			0.2		2.0
Number	5		137	758	114	5	275	5		9		1308
Female												
Sample Number			56	194	28	2	48			2		330
Percent			9.2	32.0	4.6	0.3	7.9			0.3		54.5
Std. Error			1.2	1.9	0.9	0.2	1.1			0.2		2.0
Number			266	920	133	9	227			9		1564
All Fish												
Sample Number	1		85	354	52	3	106	1		4		606
Percent	0.2		14.0	58.4	8.6	0.5	17.5	0.2		0.7		100.0
Std. Error			1.4	2.0	1.1	0.3	1.5			0.3		2.0
Number	5		403	1678	247	14	502	5		18		2872
Statistical Weeks	35 - 37	(August 25 - Sept. 14)										
Male												
Sample Number	1		18	96	10		33				2	160
Percent	0.3		5.6	30.1	3.1		10.3				0.6	50.2
Std. Error			1.3	2.6	1.0		1.7				0.4	2.8
Number	3		60	319	33		110				7	532
Female												
Sample Number		1	21	89	13		34				1	159
Percent		0.3	6.6	27.9	4.1		10.7				0.3	49.8
Std. Error			1.4	2.5	1.1		1.7					2.8
Number		3	70	297	43		113				3	529
All Fish												
Sample Number	1	1	39	185	23		67				3	319
Percent	0.3	0.3	12.2	58.0	7.2		21.0				0.9	100.0
Std. Error			1.8	2.8	1.5		2.3				0.5	2.8
Number	3	3	130	616	76		223				10	1061
Combined Periods (Percentages are weighted by period catches)												
Male												
Sample Number	2	11	222	1934	176	6	351	2		3	4	2711
Percent	<0.1	0.2	3.6	32.0	2.5	0.1	4.6	<0.1		<0.1	<0.1	43.1
Std. Error	<0.1	0.1	0.3	0.7	0.2	<0.1	0.3	<0.1		<0.1	<0.1	0.7
Number	8	402	6262	55070	4270	108	7965	21		24	59	74189
Female												
Sample Number		13	223	2511	158	5	352		1	2	2	3267
Percent		0.3	3.0	46.3	2.1	0.1	5.2		<0.1	<0.1	<0.1	56.9
Std. Error		0.1	0.3	0.8	0.2	<0.1	0.3		<0.1	<0.1	<0.1	0.7
Number		471	5243	79604	3535	118	8867		33	9	19	97899
All Fish												
Sample Number	2	24	445	4445	334	11	703	2	1	5	6	5978
Percent	<0.1	0.5	6.7	78.3	4.5	0.1	9.8	<0.1	<0.1	<0.1	<0.1	100.0
Std. Error	<0.1	0.1	0.4	0.6	0.3	0.1	0.4	<0.1	<0.1	<0.1	<0.1	0.7
Number	8	873	11505	134674	7805	226	16832	21	33	33	78	172088

Appendix Table 6. Length composition of the District 106-41 (Sumner Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class								
		1982	1981		1980		1979		1978	
		1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	1.5 2.4 3.3
Statistical Week	25 (June 16 - 22)									
Male	Avg. Length		590.0	500.0	583.1	533.3		579.3	490.0	
	Std. Error		10.0	15.8	2.0	14.4		3.2		
	Sample Size		2	7	190	6		60	1	
Female	Avg. Length		580.0	521.4	566.0	533.9		562.0		530.0
	Std. Error			8.6	1.5	10.9		2.9		
	Sample Size		1	7	235	9		81		1
All Fish	Avg. Length		586.7	510.7	573.6	533.7		569.4	490.0	530.0
	Std. Error		6.7	9.1	1.3	8.4		2.2		
	Sample Size		3	14	425	15		141	1	1
Statistical Week	27 (June 30 - July 6)									
Male	Avg. Length		550.0	520.7	584.4	526.9		590.7		
	Std. Error		30.0	6.3	1.5	6.8		5.2		
	Sample Size		2	22	269	16		43		
Female	Avg. Length		575.0	536.2	568.9	530.0		575.0		570.0
	Std. Error			5.1	1.4	4.1		4.9		
	Sample Size		1	13	237	8		27		1
All Fish	Avg. Length		558.3	526.4	577.1	527.9		584.6		570.0
	Std. Error		19.2	4.5	1.1	4.7		3.8		
	Sample Size		3	35	506	24		70		1
Statistical Week	28 (July 7 - 13)									
Male	Avg. Length			528.5	581.2	529.0		581.9		560.0
	Std. Error			4.3	1.6	5.3		4.0		
	Sample Size			33	253	20		50		1
Female	Avg. Length		580.0	521.2	567.2	525.3		570.3		
	Std. Error			7.4	1.3	4.2		4.6		
	Sample Size		1	13	281	15		38		
All Fish	Avg. Length		580.0	526.4	573.9	527.4		576.9		560.0
	Std. Error			3.7	1.1	3.5		3.1		
	Sample Size		1	46	534	35		88		1
Statistical Week	29 (July 14 - 20)									
Male	Avg. Length			502.2	581.7	524.6		589.5		
	Std. Error			5.2	2.5	7.8		5.6		
	Sample Size			23	163	13		22		
Female	Avg. Length		570.0	517.3	567.9	525.0		570.0		
	Std. Error		25.2	4.7	1.3	7.7		5.6		
	Sample Size		3	18	305	8		36		
All Fish	Avg. Length		570.0	508.8	572.7	524.8		577.4		
	Std. Error		25.2	3.7	1.2	5.5		4.3		
	Sample Size		3	41	468	21		58		
Statistical Week	30 (July 21 - 27)									
Male	Avg. Length		588.3	516.8	581.3	537.7	580.0	606.4		
	Std. Error		4.4	5.0	1.6	8.3		8.1		
	Sample Size		3	33	245	11	1	18		
Female	Avg. Length		563.3	525.4	567.6	526.4	650.0	588.9		
	Std. Error		6.7	7.0	1.2	5.8		7.1		
	Sample Size		3	16	282	8	1	23		
All Fish	Avg. Length		575.8	519.6	574.0	532.9	615.0	596.6		
	Std. Error		6.6	4.1	1.0	5.4	35.0	5.4		
	Sample Size		6	49	527	19	2	41		
Statistical Week	31 (July 28 - August 3)									
Male	Avg. Length		570.0	514.2	583.0	546.5		600.5		
	Std. Error		21.8	6.4	2.1	7.3		11.8		
	Sample Size		3	13	139	13		11		
Female	Avg. Length		550.0	528.9	570.7	539.1	595.0	579.4		
	Std. Error			5.9	1.1	6.6		8.7		
	Sample Size		1	28	374	16	1	25		
All Fish	Avg. Length		565.0	524.3	574.0	542.4	595.0	585.8		
	Std. Error		16.2	4.6	1.0	4.8		7.2		
	Sample Size		4	41	513	29	1	36		

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Appendix Table 6. Length composition of the District 106-41 (Sumner Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985 (continued).

		Brood Year and Age Class									
		1982	1981		1980		1979			1978	
		1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	1.5	2.4 3.3
Statistical Week	32 (August 4 - 10)										
Male	Avg. Length		610.0	520.9	581.9	526.2	596.3	616.4		555.0	600.0
	Std. Error			4.9	2.0	6.1	17.4	6.7			
	Sample Size		1	23	176	33	4	28		1	1
Female	Avg. Length		542.5	510.9	570.6	536.1		577.2			
	Std. Error		12.5	3.6	1.2	5.6		5.2			
	Sample Size		2	22	295	36		25			
All Fish	Avg. Length		565.0	516.0	574.9	531.4	596.3	597.9		555.0	600.0
	Std. Error		23.6	3.1	1.1	4.1	17.4	5.1			
	Sample Size		3	45	471	69	4	53		1	1
Statistical Week	33 (August 11 - 17)										
Male	Avg. Length			524.3	588.7	548.7		605.6			
	Std. Error			4.1	1.7	5.2		7.5			
	Sample Size			21	243	30		28			
Female	Avg. Length			527.8	574.2	533.5	625.0	582.1			
	Std. Error			4.0	1.7	9.8		6.7			
	Sample Size			29	217	17	1	14			
All Fish	Avg. Length			526.3	581.8	543.2	625.0	597.8			
	Std. Error			2.8	1.3	4.9		5.7			
	Sample Size			50	460	47	1	42			
Statistical Week	34 (August 18 - 24)										
Male	Avg. Length	385.0		521.0	581.8	524.2	600.0	594.9	530.0	567.5	
	Std. Error			4.3	2.2	5.4		4.4		37.5	
	Sample Size	1		29	160	24	1	58	1	2	
Female	Avg. Length			520.6	570.3	523.4	565.0	569.4		602.5	
	Std. Error			2.5	1.5	5.0	5.0	4.4		7.5	
	Sample Size			56	194	28	2	48		2	
All Fish	Avg. Length	385.0		520.8	575.5	523.8	576.7	583.3	530.0	585.0	
	Std. Error			2.2	1.3	3.6	12.0	3.3		18.6	
	Sample Size	1		85	354	52	3	106	1	4	
Statistical Weeks	35 - 37 (August 25 - Sept. 14)										
Male	Avg. Length	340.0		517.2	586.6	530.5		590.2			582.5
	Std. Error			5.9	2.9	13.8		6.1			22.5
	Sample Size	1		18	96	10		33			2
Female	Avg. Length		605.0	508.8	570.7	530.0		577.5			540.0
	Std. Error			6.9	2.7	4.5		5.1			
	Sample Size		1	21	88	13		34			1
All Fish	Avg. Length	340.0	605.0	512.7	579.0	530.2		583.7			568.3
	Std. Error			4.6	2.1	6.3		4.0			19.2
	Sample Size	1	1	39	184	23		67			3
Combined Periods (Unweighted)											
Male	Avg. Length	362.5	578.6	518.4	583.3	532.7	594.2	592.4	510.0	563.3	581.3
	Std. Error	22.5	8.7	1.8	0.6	2.3	11.4	1.8	20.0	22.0	12.3
	Sample Size	2	11	222	1934	176	6	351	2	3	4
Female	Avg. Length		567.3	521.6	569.3	530.9	600.0	572.1		570.0	602.5
	Std. Error		7.1	1.6	0.4	2.2	16.8	1.6		7.5	5.0
	Sample Size		13	223	2508	158	5	351		1	2
All Fish	Avg. Length	362.5	572.5	520.0	575.4	531.8	596.8	582.3	510.0	570.0	579.0
	Std. Error	22.5	5.5	1.2	0.4	1.6	9.3	1.3	20.0	15.6	12.5
	Sample Size	2	24	445	4442	334	11	702	2	1	6

Appendix Table 7. District 108 gillnet catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class									
	1982		1981		1980		1979		
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	Total
Statistical Weeks	31	-	37	(July 28 - Sept. 14)					
Male									
Sample Number		16	16		166	1	3	1	203
Percent		3.6	3.6		37.1	0.2	0.7	0.2	45.3
Std. Error		0.9	0.9		2.3		0.4		2.4
Number		38	38		396	2	7	2	483
Female									
Sample Number	1	12	17	1	200	2	8	4	245
Percent	0.2	2.7	3.8	0.2	44.6	0.4	1.8	0.9	54.7
Std. Error		0.8	0.9		2.4	0.3	0.6	0.4	2.4
Number	2	29	40	2	476	5	19	10	583
All Fish									
Sample Number	1	28	33	1	366	3	11	5	448
Percent	0.2	6.3	7.4	0.2	81.7	0.7	2.5	1.1	100.0
Std. Error		1.1	1.2		1.8	0.4	0.7	0.5	
Number	2	67	78	2	872	7	26	12	1066

Appendix Table 8. Length composition of the District 108 gillnet catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class							
		1982	1981		1980			1979	
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3
Statistical Weeks 31 - 37 (July 28 - Sept. 14)									
Male	Avg. Length		572.8	554.4		581.9	585.0	608.3	570.0
	Std. Error		7.3	13.7		2.2		9.3	
	Sample Size		16	16		166	1	3	1
Female	Avg. Length	600.0	566.7	533.8	600.0	568.2	537.5	581.3	570.0
	Std. Error		6.3	10.2		1.5	27.5	13.5	9.8
	Sample Size	1	12	17	1	200	2	8	4
All Fish	Avg. Length	600.0	570.2	543.8	600.0	574.4	553.3	588.6	570.0
	Std. Error		4.9	8.5		1.3	22.4	10.6	7.6
	Sample Size	1	28	33	1	366	3	11	5

Appendix Table 9. Age composition of the Canadian commercial gillnet harvest of sockeye salmon on the Stikine River by sex, age class, and fishing period, 1985.

		Brood Year and Age Class													
		1982		1981			1980			1979			1978		
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Statistical Week	26	(June 23 - 29)													
Male															
Sample Number				4	2			110			2				118
Percent				1.3	0.7			36.2			0.7				38.8
Std. Error				0.7	0.5			2.8			0.5				2.8
Number				8	4			220			4				236
Female															
Sample Number				7				170			9				186
Percent				2.3				55.9			3.0				61.2
Std. Error				0.9				2.9			1.0				2.8
Number				14				340			18				372
All Fish															
Sample Number				11	2			280			11				304
Percent				3.6	0.7			92.1			3.6				100.0
Std. Error				1.1	0.5			1.5			1.1				
Number				22	4			560			22				608
Statistical Week	28	(July 7 - 13)													
Male															
Sample Number				5	2			278		1	8				294
Percent				0.9	0.4			48.9		0.2	1.4				51.7
Std. Error				0.4	0.2			2.1			0.5				2.1
Number				18	8			1028		4	29				1087
Female															
Sample Number				7	2			259			7				275
Percent				1.2	0.4			45.5			1.2				48.3
Std. Error				0.5	0.2			2.1			0.5				2.1
Number				26	7			957			26				1016
All Fish															
Sample Number				12	4			537		1	15				569
Percent				2.1	0.7			94.4		0.2	2.6				100.0
Std. Error				0.6	0.4			1.0			0.7				
Number				44	15			1985		4	55				2103
Statistical Week	29	(July 14 - 20)													
Male															
Sample Number				6	13			219		1	12			1	253
Percent				1.2	2.6			43.4		0.2	2.4			0.2	50.1
Std. Error				0.5	0.7			2.2			0.7				2.2
Number				99	214			3610		16	198			16	4169
Female															
Sample Number				7	11			219		4	10				252
Percent				1.4	2.2			43.4		0.8	2.0				49.9
Std. Error				0.5	0.7			2.2		0.4	0.6				2.2
Number				115	181			3609		66	165				4152
All Fish															
Sample Number				13	24			438		5	22			1	505
Percent				2.6	4.8			86.7		1.0	4.4			0.2	100.0
Std. Error				0.7	0.9			1.5		0.4	0.9				
Number				214	395			7219		82	363			16	8321
Statistical Week	30	(July 21 - 27)													
Male															
Sample Number				20	13			172		5	14			1	228
Percent				4.4	2.9			38.1		1.1	3.1			0.2	50.4
Std. Error				1.0	0.8			2.3		0.5	0.8				2.4
Number				91	60			789		23	64			5	1045
Female															
Sample Number				15	11			179		5	2				224
Percent				3.3	2.4			39.6		1.1	0.4				49.6
Std. Error				0.8	0.7			2.3		0.5	0.3				2.4
Number				69	50			820		23	9				1026
All Fish															
Sample Number				35	24			351		10	2			1	452
Percent				7.7	5.3			77.7		2.2	0.4			0.2	100.0
Std. Error				1.3	1.1			2.0		0.7	0.3				
Number				160	110			1609		46	9			5	2071
Statistical Week	31	(July 28 - August 3)													
Male															
Sample Number				13	25			138		6	8				194
Percent				3.1	5.9			32.6		1.4	1.9				45.9
Std. Error				0.8	1.1			2.3		0.6	0.7				2.4
Number				45	87			478		21	28				672
Female															
Sample Number				9	14			188		5	2				229
Percent				2.1	3.3			44.4		1.2	0.5				54.1
Std. Error				0.7	0.9			2.4		0.5	0.3				2.4
Number				31	49			652		17	7				794
All Fish															
Sample Number				22	39			326		11	3				423
Percent				5.2	9.2			77.1		2.6	0.7				100.0
Std. Error				1.1	1.4			2.0		0.8	0.4				
Number				76	136			1130		38	10				1466

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Appendix Table 9. Age composition of the Canadian commercial gillnet harvest of sockeye salmon on the Stikine River by sex, age class, and fishing period, 1985 (continued).

		Brood Year and Age Class														
		1982		1981			1980			1979			1978			
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total	
Statistical Week	32	(August 4 - 10)														
Male																
Sample Number	3			19	20			162	9		9				222	
Percent	0.7			4.3	4.5			36.3	2.0		2.0				49.8	
Std. Error	0.4			1.0	1.0			2.3	0.7		0.7				2.4	
Number	7			44	47			374	20		21				513	
Female																
Sample Number				15	14		1	182	5	2	4			1	224	
Percent				3.4	3.1		0.2	40.8	1.1	0.4	0.9			0.2	50.2	
Std. Error				0.9	0.8			2.3	0.5	0.3	0.4				2.4	
Number				35	32		2	421	12	5	9			2	518	
All Fish																
Sample Number	3			34	34		1	344	14	2	13			1	446	
Percent	0.7			7.6	7.6		0.2	77.1	3.1	0.4	2.9			0.2	100.0	
Std. Error	0.4			1.3	1.3			2.0	0.8	0.3	0.8					
Number	7			79	79		2	795	32	5	30			2	1031	
Statistical Weeks	33 - 36	(August 11 - Sept. 7)														
Male																
Sample Number	2	1	10	30	1			144	4	2	11	1			206	
Percent	0.4	0.2	1.9	5.8	0.2			28.1	0.8	0.4	2.1	0.2			40.2	
Std. Error	0.3		0.6	1.0				2.0	0.4	0.3	0.6				2.2	
Number	6	3	29	87	3			419	12	6	32	3			600	
Female																
Sample Number	1		16	25				247	3	2	13				307	
Percent	0.2		3.1	4.9				48.1	0.6	0.4	2.5				59.8	
Std. Error			0.8	1.0				2.2	0.3	0.3	0.7				2.2	
Number	3		47	73				718	8	6	38				893	
All Fish																
Sample Number	3	1	26	55	1			391	7	4	24	1			513	
Percent	0.6	0.2	5.1	10.7	0.2			76.2	1.4	0.8	4.7	0.2			100.0	
Std. Error	0.3		1.0	1.4				1.9	0.5	0.4	0.9					
Number	9	3	76	160	3			1137	20	12	70	3			1493	
Combined Periods (Percentages are weighted by period catches)																
Male																
Sample Number	11	1	77	105	1			1223	25	5	64	1	1	1	1515	
Percent	0.2	<0.1	2.0	3.0	<0.1			40.5	0.5	0.2	2.2	<0.1	<0.1	0.1	48.7	
Std. Error	0.1		0.3	0.4				1.2	0.1	0.1	0.4				1.2	
Number	36	3	334	507	3			6918	92	29	376	3	5	16	8322	
Female																
Sample Number	3		76	77		1		1444	22	8	65			1	1697	
Percent	0.1		2.0	2.3		<0.1		44.0	0.7	0.2	2.0			<0.1	51.3	
Std. Error	0.1		0.3	0.4				1.2	0.2	0.1	0.3				1.2	
Number	24		337	392		2		7517	126	27	344			2	8771	
All Fish																
Sample Number	14	1	153	182	1	1		2667	47	13	129	1	1	2	3212	
Percent	0.4	<0.1	3.9	5.3	<0.1	<0.1		84.4	1.3	0.3	4.2	<0.1	<0.1	0.1	100.0	
Std. Error	0.1		0.4	0.5				0.8	0.2	0.1	0.5			0.1		
Number	60	3	671	899	3	2		14435	218	56	720	3	5	18	17093	

Appendix Table 10. Length composition of the Canadian commercial gillnet harvest of sockeye salmon on the Stikine River by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class													
		1982		1981			1980			1979		1978			
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	
Statistical Week 26 (June 23 - 29)															
Male	Avg. Length			585.5	431.5			585.9			558.0				
	Std. Error			5.9	25.5			5.8			14.0				
	Sample Size			4	2			110			2				
Female	Avg. Length			545.7				568.7			564.0				
	Std. Error			7.2				1.8			7.2				
	Sample Size			7				170			9				
All Fish	Avg. Length			560.2	431.5			575.4			562.9				
	Std. Error			7.7	25.5			2.6			5.2				
	Sample Size			11	2			280			11				
Statistical Week 28 (July 7 - 13)															
Male	Avg. Length			577.4	536.5			594.7		583.0	596.4				
	Std. Error			8.3	2.5			1.4			6.6				
	Sample Size			5	2			278		1	8				
Female	Avg. Length			571.9	482.5			572.7			569.6				
	Std. Error			6.4	21.5			1.3			8.7				
	Sample Size			7	2			259			7				
All Fish	Avg. Length			574.2	509.5			584.1		583.0	583.9				
	Std. Error			4.9	17.9			1.1			6.3				
	Sample Size			12	4			537		1	15				
Statistical Week 29 (July 14 - 20)															
Male	Avg. Length			593.2	507.8			590.8	524.0	603.0	587.3			522.0	
	Std. Error			10.3	10.2			1.6			7.1				
	Sample Size			6	13			219	1	1	12			1	
Female	Avg. Length	554.0		552.3	510.1			568.6	499.0		578.7				
	Std. Error			6.7	5.4			1.5	6.8		3.5				
	Sample Size	1		7	11			219	4		10				
All Fish	Avg. Length	554.0		571.2	508.8			579.7	504.0	603.0	583.4			522.0	
	Std. Error			8.2	5.9			1.2	7.3		4.2				
	Sample Size	1		13	24			438	5	1	22			1	
Statistical Week 30 (July 21 - 27)															
Male	Avg. Length	494.3		588.2	500.5			588.2	512.0		578.6			596.0	
	Std. Error	35.7		3.7	8.7			1.8	11.5		6.9				
	Sample Size	3		20	13			172	5		14		1		
Female	Avg. Length	520.0		565.7	497.6			568.5	490.8	592.0	569.1				
	Std. Error			4.6	6.1			1.6	5.5	14.0	5.5				
	Sample Size	1		15	11			179	5	2	11				
All Fish	Avg. Length	500.8		578.5	499.2			578.2	501.4	592.0	574.4			596.0	
	Std. Error	26.1		3.4	5.4			1.3	7.0	14.0	4.6				
	Sample Size	4		35	24			351	10	2	25		1		
Statistical Week 31 (July 28 - August 3)															
Male	Avg. Length	472.7		587.2	492.8			593.1	520.8	565.0	571.9				
	Std. Error	24.1		8.8	7.9			1.8	10.3		8.4				
	Sample Size	3		13	25			138	6	1	8				
Female	Avg. Length			562.6	499.6			567.2	519.2	584.0	567.4				
	Std. Error			6.7	3.9			1.4	5.2	6.0	8.2				
	Sample Size			9	14			188	5	2	11				
All Fish	Avg. Length	472.7		577.1	495.2			578.2	520.1	577.7	569.3				
	Std. Error	24.1		6.4	4.8			1.3	5.8	7.2	5.8				
	Sample Size	3		22	39			326	11	3	14				
Statistical Week 32 (August 4 - 10)															
Male	Avg. Length	442.3		590.8	474.2			585.1	504.9		600.6				
	Std. Error	11.5		4.7	7.3			1.8	7.9		9.3				
	Sample Size	3		19	20			162	9		9				
Female	Avg. Length			556.2	506.1		585.0	569.1	513.2	573.0	570.3			528.0	
	Std. Error			3.1	2.3			1.6	8.0	20.0	16.2				
	Sample Size			15	14		1	182	5	2	4		1		
All Fish	Avg. Length	442.3		575.6	487.3		585.0	576.7	507.9	573.0	591.2			528.0	
	Std. Error	11.5		4.2	5.1			1.3	5.8	20.0	8.7				
	Sample Size	3		34	34		1	344	14	2	13			1	
Statistical Weeks 33 - 36 (August 11 - Sept. 7)															
Male	Avg. Length	430.5	343.0	589.1	461.2	360.0		588.6	515.0	603.0	618.1	474.0			
	Std. Error	10.5		5.4	5.8			2.3	6.0	28.0	10.6				
	Sample Size	2	1	10	30	1		144	4	2	11	1			
Female	Avg. Length	552.0		559.1	506.6			566.4	526.7	583.0	572.2				
	Std. Error			6.6	3.6			1.3	7.5	13.0	4.5				
	Sample Size	1		16	25			247	3	2	13				
All Fish	Avg. Length	471.0	343.0	570.7	481.8	360.0		574.6	520.0	593.0	593.3	474.0			
	Std. Error	41.0		5.4	4.7			1.3	4.9	13.9	7.1				
	Sample Size	3	1	26	55	1		391	7	4	24	1			
Combined Periods (Unweighted)															
Male	Avg. Length	462.6	343.0	588.3	482.7	360.0		590.1	512.5	591.4	590.8	474.0	596.0	522.0	
	Std. Error	12.8		2.4	3.7			0.8	4.4	11.7	3.8				
	Sample Size	11	1	77	105	1		1223	25	5	64	1	1	1	
Female	Avg. Length	542.0		559.6	503.8		585.0	568.9	508.7	583.0	570.3			528.0	
	Std. Error	11.0		2.3	1.9			0.6	3.9	5.9	2.5				
	Sample Size	3		76	77		1	1444	22	8	65			1	
All Fish	Avg. Length	479.6	343.0	574.0	491.6	360.0	585.0	578.6	510.7	586.2	580.5	474.0	596.0	525.0	
	Std. Error	13.6		2.0	2.4			0.9	3.0	5.6	2.4			3.0	
	Sample Size	14	1	153	182	1	1	2667	47	13	129	1	1	2	

Appendix Table 11. District 111 gillnet catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class													
		1982		1981		1980			1979		1978		
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	Total
Statistical Week	25	(June 16 - 22)											
Male													
Sample Number	1			2	4			211	1	1	2		222
Percent	0.2			0.4	0.8			40.6	0.2	0.2	0.4		42.7
Std. Error				0.3	0.4			2.2			0.3		2.2
Number	4			8	17			887	4	4	8		932
Female													
Sample Number					4			287	3	1	3		298
Percent					0.8			55.2	0.6	0.2	0.6		57.3
Std. Error					0.4			2.2	0.3		0.3		2.2
Number					17			1207	13	4	13		1254
All Fish													
Sample Number	1			2	8			498	4	2	5		520
Percent	0.2			0.4	1.5			95.8	0.8	0.4	0.9		100.0
Std. Error				0.3	0.5			0.9	0.4	0.3	0.4		
Number	4			8	34			2094	17	8	21		2186
Statistical Week	26	(June 23 - 29)											
Male													
Sample Number				5	18		3	353	1	4	14		398
Percent				0.6	2.2		0.4	43.6	0.1	0.5	1.7		49.2
Std. Error				0.3	0.5		0.2	1.7		0.2	0.5		1.8
Number				13	48		8	939	3	11	37		1059
Female													
Sample Number	1			6	20			369	2	1	12		411
Percent	0.1			0.7	2.5			45.6	0.2	0.1	1.5		50.8
Std. Error				0.3	0.5			1.8	0.2		0.4		1.8
Number	3			16	53			981	5	3	32		1093
All Fish													
Sample Number	1			11	38		3	722	3	5	26		809
Percent	0.1			1.4	4.7		0.4	89.2	0.4	0.6	3.2		100.0
Std. Error				0.4	0.7		0.2	1.1	0.2	0.3	0.6		
Number	3			29	101		8	1920	8	14	69		2152
Statistical Week	27	(June 30 - July 6)											
Male													
Sample Number	2			5	11			253	5	1	23		300
Percent	0.3			0.8	1.8			42.4	0.8	0.2	3.9		50.3
Std. Error	0.2			0.4	0.6			2.0	0.4		0.8		2.0
Number	19			48	105			2419	48	10	220		2869
Female													
Sample Number	1			8	9			265	3		10		296
Percent	0.2			1.3	1.5			44.5	0.5		1.7		49.7
Std. Error				0.5	0.5			2.0	0.3		0.5		2.0
Number	10			76	86			2534	29		96		2831
All Fish													
Sample Number	3			13	20			518	8	1	33		596
Percent	0.5			2.2	3.4			86.9	1.3	0.2	5.5		100.0
Std. Error	0.3			0.6	0.7			1.4	0.5		0.9		
Number	29			124	191			4953	77	10	316		5700
Statistical Week	28	(July 7 - 13)											
Male													
Sample Number	5			13	28		1	366	5	7	14		439
Percent	0.6			1.4	3.1		0.1	40.5	0.6	0.8	1.5		48.6
Std. Error	0.2			0.4	0.6			1.6	0.2	0.3	0.4		1.7
Number	67			173	373		13	4872	66	93	186		5843
Female													
Sample Number	1			20	10		1	399	2	7	25		465
Percent	0.1			2.2	1.1		0.1	44.1	0.2	0.8	2.8		51.4
Std. Error				0.5	0.3			1.7	0.2	0.3	0.5		1.7
Number	13			266	133		13	5312	27	93	333		6190
All Fish													
Sample Number	6			33	38		2	765	7	14	39		904
Percent	0.7			3.7	4.2		0.2	84.6	0.8	1.5	4.3		100.0
Std. Error	0.3			0.6	0.7		0.2	1.2	0.3	0.4	0.7		
Number	80			439	506		26	10184	93	186	519		12033
Statistical Week	29	(July 14 - 20)											
Male													
Sample Number	14			45	61		2	398	9	8	46		584
Percent	1.2			3.8	5.1		0.2	33.4	0.8	0.7	3.9	0.1	49.0
Std. Error	0.3			0.6	0.6		0.1	1.4	0.3	0.2	0.6		1.4
Number	247			794	1077		35	7026	159	141	812	18	10309
Female													
Sample Number	4			25	17		3	485	7	2	65		609
Percent	0.3			2.1	1.4		0.3	40.7	0.6	0.2	5.4	0.1	51.0
Std. Error	0.2			0.4	0.3		0.1	1.4	0.2	0.1	0.7		1.4
Number	71			441	300		53	8562	124	35	1147	18	10751
All Fish													
Sample Number	19			70	78		5	883	16	10	111	2	1193
Percent	1.5			5.9	6.5		0.4	74.0	1.3	0.8	9.3	0.2	100.0
Std. Error	0.4			0.7	0.7		0.2	1.3	0.3	0.3	0.8	0.1	
Number	318			1235	1377		88	15588	283	176	1959	36	21060

-Continued-

Appendix Table 11. District 111 gillnet catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985 (continued).

Brood Year and Age Class													
		1982		1981		1980			1979		1978		
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	Total
Statistical Week	30	(July 21 - 27)											
Male													
Sample Number	13			24	34	1	5	347	10	5	46	1	486
Percent	1.3			2.5	3.5	0.1	0.5	35.6	1.0	0.5	4.7	0.1	49.8
Std. Error	0.4			0.5	0.6		0.2	1.5	0.3	0.2	0.7		1.6
Number	139			258	366	11	54	3733	107	54	495	11	5228
Female													
Sample Number	2			33	16		1	383	2	3	49		489
Percent	0.2			3.4	1.6		0.1	39.3	0.2	0.3	5.0		50.2
Std. Error	0.1			0.6	0.4			1.6	0.1	0.2	0.7		1.6
Number	22			355	172		11	4120	22	32	527		5261
All Fish													
Sample Number	15			57	50	1	6	730	12	8	95	1	975
Percent	1.5			5.9	5.1	0.1	0.6	75.0	1.2	0.8	9.7	0.1	100.0
Std. Error	0.4			0.8	0.7		0.3	1.4	0.4	0.3	1.0		
Number	161			613	538	11	65	7853	129	86	1022	11	10489
Statistical Week	31	(July 28 - August 3)											
Male													
Sample Number	13		1	26	46		3	298	15	4	43		449
Percent	1.6		0.1	3.2	5.6		0.4	36.6	1.8	0.5	5.3		55.1
Std. Error	0.4			0.6	0.8		0.2	1.7	0.5	0.2	0.8		1.7
Number	236		18	472	834		54	5404	272	73	780		8143
Female													
Sample Number	4			23	25			262	7	2	43		366
Percent	0.5			2.8	3.1			32.1	0.9	0.2	5.3		44.9
Std. Error	0.2			0.6	0.6			1.6	0.3	0.2	0.8		1.7
Number	73			417	453			4752	127	36	780		6638
All Fish													
Sample Number	17		1	49	71		3	560	22	6	86		815
Percent	2.1		0.1	6.0	8.7		0.4	68.7	2.7	0.7	10.6		100.0
Std. Error	0.5			0.8	1.0		0.2	1.6	0.6	0.3	1.1		
Number	309		18	889	1287		54	10156	399	109	1560		14781
Statistical Week	32	(August 4 - 10)											
Male													
Sample Number	6		2	11	10		3	122	13		21		188
Percent	1.6		0.5	2.9	2.7		0.8	32.5	3.5		5.6		50.1
Std. Error	0.6		0.4	0.9	0.8		0.5	2.4	0.9		1.2		2.6
Number	121		40	222	202		61	2460	262		424		3792
Female													
Sample Number	4			14	8			121	14		26		187
Percent	1.1			3.7	2.1			32.3	3.7		6.9		49.9
Std. Error	0.5			1.0	0.7			2.4	1.0		1.3		2.6
Number	81			282	161			2441	283		524		3772
All Fish													
Sample Number	10		2	25	18		3	243	27		47		375
Percent	2.7		0.5	6.7	4.8		0.8	64.8	7.2		12.5		100.0
Std. Error	0.8		0.4	1.3	1.1		0.5	2.5	1.3		1.7		
Number	202		40	504	363		61	4901	545		948		7564
Statistical Weeks	33 - 40	(August 11 - October 5)											
Male													
Sample Number				11	12		2	102	31		63		222
Percent				2.7	3.0		0.5	25.2	7.7	0.2	15.6		55.0
Std. Error				0.8	0.8		0.3	2.2	1.3		1.8		2.5
Number				285	311		52	2642	803	26	1632		5751
Female													
Sample Number	2			9	6		3	89	25		48		182
Percent	0.5			2.2	1.5		0.7	22.0	6.2		11.9		45.0
Std. Error	0.3			0.7	0.6		0.4	2.1	1.2		1.6		2.5
Number	52			233	155		78	2306	648		1243		4715
All Fish 1/													
Sample Number	2			22	20		5	222	63	1	137		472
Percent	0.5			4.7	4.2		1.1	47.0	13.3	0.2	29.0		100.0
Std. Error	0.3			1.0	0.9		0.5	2.3	1.6		2.1		
Number	52			570	518		130	5750	1632	26	3549		12227
Combined Periods (Percentages are weighted by period catches)													
Male													
Sample Number	54	3	142	224	1	19	2450	90	31	272	2	3288	
Percent	1.0	0.1	2.6	3.9	<0.1	0.3	35.2	2.0	0.5	5.3	<0.1	50.8	
Std. Error	0.1	<0.1	0.2	0.3		0.1	0.7	0.2	0.1	0.3	<0.1	0.7	
Number	833	58	2273	3333	11	277	30382	1724	412	4594	29	43926	
Female													
Sample Number	19		138	115		8	2660	65	16	281	<0.1	3303	
Percent	0.4		2.4	1.8		0.2	37.3	1.5	0.2	5.4	<0.1	49.2	
Std. Error	0.1		0.2	0.2		0.1	0.7	0.2	0.1	0.3		0.7	
Number	325		2086	1530		155	32215	1278	203	4695	18	42505	
All Fish 1/													
Sample Number	73	3	282	341	1	27	5141	162	47	579	3	6659	
Percent	1.3	0.1	5.0	5.6	<0.1	0.5	71.8	3.6	0.7	11.3	0.1	100.0	
Std. Error	0.2	<0.1	0.3	0.3		0.1	0.6	0.3	0.1	0.5	<0.1		
Number	1158	58	4411	4915	11	432	63399	3183	615	9963	47	88192	

1/ Includes unsexed fish totals.

Appendix Table 12. Length composition of the District 111 gillnet catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class									
		1982		1981		1980			1979		1978
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4
Statistical Week	25 (June 16 - 22)										
Male	Avg. Length	450.0		595.0	525.0		593.7	515.0	655.0	587.5	
	Std. Error			15.0	16.2		1.6			32.5	
	Sample Size	1		2	4		211	1	1	2	
Female	Avg. Length				513.8		567.2	506.7	595.0	571.7	
	Std. Error				16.0		1.4	16.4		8.8	
	Sample Size				4		287	3	1	3	
All Fish	Avg. Length	450.0		595.0	519.4		578.4	508.8	625.0	578.0	
	Std. Error			15.0	10.8		1.2	11.8	30.0	12.0	
	Sample Size	1		2	8		498	4	2	5	
Statistical Week	26 (June 23 - 29)										
Male	Avg. Length			590.0	523.1	628.3	591.8	525.0	616.3	582.9	
	Std. Error			5.2	7.6	6.0	1.3		18.0	11.8	
	Sample Size			5	18	3	353	1	4	14	
Female	Avg. Length	435.0		565.8	508.8		570.3	515.0	595.0	562.5	
	Std. Error			5.5	4.7		1.1			7.8	
	Sample Size	1		6	20		369	2	1	12	
All Fish	Avg. Length	435.0		576.8	515.5	628.3	580.8	518.3	612.0	573.5	
	Std. Error			5.3	4.5	6.0	0.9	3.3	14.5	7.4	
	Sample Size	1		11	38	3	722	3	5	26	
Statistical Week	27 (June 30 - July 6)										
Male	Avg. Length	497.5		539.0	515.5		586.6	489.0	625.0	576.1	
	Std. Error	12.5		22.2	16.3		1.6	16.1		6.1	
	Sample Size	2		5	11		253	5	1	23	
Female	Avg. Length	575.0		555.0	503.3		568.2	506.7		574.0	
	Std. Error			9.2	6.1		1.3	9.3		5.7	
	Sample Size	1		8	9		264	3		10	
All Fish	Avg. Length	523.3		548.8	510.0		577.2	495.6	625.0	575.5	
	Std. Error	26.8		9.9	9.3		1.1	10.6		4.5	
	Sample Size	3		13	20		517	8	1	33	
Statistical Week	28 (July 7 - 13)										
Male	Avg. Length	491.0		592.3	489.8	625.0	588.1	492.0	619.2	599.6	
	Std. Error	17.0		6.7	6.7		1.3	9.6	2.4	5.8	
	Sample Size	5		13	25	1	335	5	6	12	
Female	Avg. Length			571.5	512.0	560.0	568.2	497.5	590.7	567.3	
	Std. Error			4.7	15.1		1.1	17.5	15.5	4.2	
	Sample Size			17	10	1	363	2	7	24	
All Fish	Avg. Length	491.0		580.5	496.1	592.5	577.8	493.6	603.8	578.1	
	Std. Error	17.0		4.3	6.5	32.5	0.9	7.7	9.1	4.2	
	Sample Size	5		30	35	2	698	7	13	36	
Statistical Week	29 (July 14 - 20)										
Male	Avg. Length	457.9		575.2	480.2	640.0	584.7	492.8	623.8	584.2	610.0
	Std. Error	9.5		5.1	5.0		1.5	11.4	7.8	5.0	
	Sample Size	14		45	61	2	398	9	8	46	1
Female	Avg. Length	466.3		552.6	485.0	586.7	565.5	496.4	597.5	563.2	590.0
	Std. Error	18.4		3.2	9.8	17.4	1.1	8.9	32.5	3.1	
	Sample Size	4		25	17	3	484	7	2	65	1
All Fish	Avg. Length	459.7		567.1	481.2	608.0	574.1	494.4	618.5	571.9	600.0
	Std. Error	8.2		3.7	4.4	16.2	0.9	7.3	8.6	2.9	10.0
	Sample Size	18		70	78	5	882	16	10	111	2

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Appendix Table 12. Length composition of the District 111 gillnet catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985 (continued).

		Brood Year and Age Class									
		1982		1981		1980			1979		1978
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4
Statistical Week	30 (July 21 - 27)										
Male	Avg. Length	468.6		587.8	478.8	610.0	589.1	532.1	601.3	593.6	525.0
	Std. Error	7.7		6.5	5.9	20.4	1.6	25.2	14.3	3.6	
	Sample Size	11		18	29	4	292	7	4	43	1
Female	Avg. Length	525.0		564.3	514.7	595.0	569.9	535.0	590.0	571.2	
	Std. Error	45.0		4.3	7.0		1.1	5.0	5.0	4.0	
	Sample Size	2		23	16	1	341	2	3	43	
All Fish	Avg. Length	477.3		574.6	491.6	607.0	578.8	532.8	596.4	582.4	525.0
	Std. Error	10.1		4.1	5.2	16.1	1.0	19.3	8.2	2.9	
	Sample Size	13		41	45	5	633	9	7	86	1
Statistical Week	31 (July 28 - August 3)										
Male	Avg. Length	478.1	355.0	580.8	489.1	615.0	592.2	528.2	616.3	599.1	
	Std. Error	9.7		5.0	6.3	11.5	1.6	13.4	5.5	4.2	
	Sample Size	13	1	24	43	3	276	14	4	34	
Female	Avg. Length	471.7		563.6	508.7		570.0	503.3	602.5	579.4	
	Std. Error	1.7		4.9	4.7		1.4	13.5	17.5	3.8	
	Sample Size	3		22	23		236	6	2	34	
All Fish	Avg. Length	476.9	355.0	572.6	495.9	615.0	582.0	520.8	611.7	589.3	
	Std. Error	7.9		3.7	4.5	11.5	1.2	10.3	6.4	3.1	
	Sample Size	16	1	46	66	3	512	20	6	68	
Statistical Week	32 (August 4 - 10)										
Male	Avg. Length	475.8	330.0	585.9	508.0	635.0	595.9	555.0		601.4	
	Std. Error	8.2	5.0	6.4	11.7	10.4	2.3	6.8		6.1	
	Sample Size	6	2	11	10	3	122	13		21	
Female	Avg. Length	527.5		565.4	516.3		572.0	519.3		579.0	
	Std. Error	21.8		5.5	4.1		1.7	5.1		2.9	
	Sample Size	4		14	8		121	14		26	
All Fish	Avg. Length	496.5	330.0	574.4	511.7	635.0	584.0	536.5		589.0	
	Std. Error	12.5	5.0	4.6	6.7	10.4	1.6	5.4		3.6	
	Sample Size	10	2	25	18	3	243	27		47	
Statistical Weeks	33 - 40 (August 11 - October 5)										
Male	Avg. Length			596.4	527.1	635.0	598.4	545.0	620.0	610.2	
	Std. Error			4.8	11.3	10.0	2.2	4.2		3.1	
	Sample Size			11	12	2	102	31	1	63	
Female	Avg. Length	500.0		585.6	530.0	596.7	574.7	517.8		590.8	
	Std. Error	25.0		6.1	10.1	4.4	2.2	3.8		4.0	
	Sample Size	2		9	6	3	89	25		48	
All Fish 1/	Avg. Length	500.0		590.0	526.8	612.0	588.0	537.0	620.0	600.7	
	Std. Error	25.0		3.8	7.4	10.2	1.8	5.1		2.5	
	Sample Size	2		22	20	5	222	63	1	137	
Combined Periods (Unweighted)											
Male	Avg. Length	471.8	338.3	581.7	493.1	625.0	589.9	530.3	618.6	595.4	567.5
	Std. Error	4.5	8.8	2.6	2.8	5.4	0.5	4.4	4.0	1.9	42.5
	Sample Size	52	3	134	213	18	2342	86	29	258	2
Female	Avg. Length	497.1		564.0	507.7	588.1	568.7	513.2	593.4	574.0	590.0
	Std. Error	11.5		1.9	2.8	7.3	0.4	2.7	7.4	1.6	
	Sample Size	17		124	113	8	2554	64	16	265	1
All Fish 1/	Avg. Length	478.0	338.3	573.2	498.3	613.7	578.9	525.1	609.7	585.1	575.0
	Std. Error	4.5	8.8	1.7	2.1	5.5	0.4	3.2	4.1	1.3	25.7
	Sample Size	69	3	260	328	26	4927	157	45	549	3

1/ Includes unsexed fish totals.

Appendix Table 13. Age composition of the Canadian commercial gillnet harvest of sockeye salmon on the Taku River by sex, age class, and fishing period, 1985.

Brood Year and Age Class										
	1982	1981			1980			1979		1978
	0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4
Total										
Statistical Weeks 26 - 30 (June 23 - July 27)										
Male										
Sample Number	6		18			121	2		7	
Percent	2.2		6.5			43.8	0.7		2.6	
Std. Error	0.9		1.5			3.0	0.5		0.9	
Number	132		395			2653	44		153	
Female										
Sample Number		1	13			99	2	3	4	
Percent		0.4	4.7			35.9	0.7	1.1	1.4	
Std. Error		0.4	1.3			2.9	0.5	0.6	0.7	
Number		22	285			2171	44	66	88	
All Fish										
Sample Number	6	1	31			220	4	3	11	
Percent	2.2	0.4	11.2			79.7	1.4	1.1	4.0	
Std. Error	0.9	0.4	1.9			2.4	0.7	0.6	1.2	
Number	132	22	680			4824	88	66	241	
Statistical Weeks 31 - 34 (July 28 - August 24)										
Male										
Sample Number	18	22	22	1	2	144	10	2	22	1
Percent	3.9	4.7	4.8	0.2	0.4	30.9	2.1	0.4	4.8	0.2
Std. Error	0.9	1.0	1.0	0.2	0.3	2.1	0.7	0.3	1.0	0.2
Number	316	387	387	18	35	2531	175	35	387	18
Female										
Sample Number	1	19	16		1	148	13	1	23	
Percent	0.2	4.1	3.4		0.2	31.8	2.8	0.2	4.9	
Std. Error	0.2	0.9	0.8		0.2	2.2	0.8	0.2	1.0	
Number	18	334	281		18	2600	229	18	404	
All Fish										
Sample Number	19	41	38	1	3	292	23	3	45	1
Percent	4.1	8.8	8.2	0.2	0.6	62.7	4.9	0.6	9.7	0.2
Std. Error	0.9	1.3	1.3	0.2	0.4	2.2	1.0	0.4	1.4	0.2
Number	334	721	668	18	53	5131	404	53	791	18
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Number	24	22	40	1	2	265	12	2	29	1
Percent	3.2	2.7	5.5	0.1	0.2	36.4	1.6	0.2	3.8	0.1
Std. Error	0.6	0.6	0.8	0.1	0.2	1.8	0.4	0.2	0.7	0.1
Number	448	387	782	18	35	5184	219	35	540	18
Female										
Sample Number	1	20	29		1	247	15	4	27	
Percent	0.1	2.5	4.0		0.1	33.5	1.9	0.6	3.5	
Std. Error	0.1	0.5	0.7		0.1	1.7	0.5	0.3	0.7	
Number	18	356	566		18	4771	273	84	492	
All Fish										
Sample Number	25	42	69	1	3	512	27	6	56	1
Percent	3.3	5.2	9.5	0.1	0.4	69.9	3.5	0.8	7.2	0.1
Std. Error	0.6	0.8	1.1	0.1	0.2	1.7	0.7	0.3	0.9	0.1
Number	466	743	1348	18	53	9955	492	119	1032	18

Appendix Table 14. Length composition of the Canadian Taku River gillnet catch of sockeye salmon by sex, age class, and fishing period, 1985.

		Brood Year and Age Class									
		1982	1981		1980			1979		1978	
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4
Statistical Weeks 26 - 30 (June 23 - July 27)											
Male	Avg. Length	466.0		481.2		587.6		516.0		587.3	
	Std. Error	12.1		8.9		5.6		53.0		9.7	
	Sample Size	6		18		121		2		7	
Female	Avg. Length		567.0	497.5		563.8		551.0	605.7	580.8	
	Std. Error			6.0		6.3			19.5	8.0	
	Sample Size		1	13		99		2	3	4	
All Fish	Avg. Length	466.0	567.0	488.0		576.9		533.5	605.7	584.9	
	Std. Error	12.1		5.9		4.3		23.9	19.5	6.6	
	Sample Size	6	1	31		220		4	3	11	
Statistical Weeks 31 - 34 (July 28 - August 24)											
Male	Avg. Length	467.1	591.5	493.4	343.0	619.5	593.9	532.4	621.5	594.2	614.0
	Std. Error	9.0	3.5	8.5		26.5	2.6	5.8	10.5	6.0	
	Sample Size	18	22	22	1	2	144	10	2	22	1
Female	Avg. Length	478.0	560.5	516.3		624.0	571.6	526.2	583.0	568.4	
	Std. Error		4.1	5.9			2.1	5.1		6.7	
	Sample Size	1	19	16		1	148	13	1	23	
All Fish	Avg. Length	467.6	577.1	503.1	343.0	621.0	582.6	528.9	608.7	581.0	614.0
	Std. Error	8.5	3.6	5.8		15.4	1.8	3.8	14.2	4.9	
	Sample Size	19	41	38	1	3	292	23	3	45	1
Combined Periods (Unweighted)											
Male	Avg. Length	466.8	591.5	487.9	343.0	619.5	591.0	529.7	621.5	592.5	614.0
	Std. Error	7.3	3.5	6.2		26.5	2.9	8.3	10.5	5.1	
	Sample Size	24	22	40	1	2	265	12	2	29	1
Female	Avg. Length	478.0	560.9	507.9		624.0	568.4	529.5	600.0	570.3	
	Std. Error		3.9	4.5			2.8	4.9	14.9	5.9	
	Sample Size	1	20	29		1	247	15	4	27	
All Fish	Avg. Length	467.2	576.9	496.3	343.0	621.0	580.1	529.6	607.2	581.8	614.0
	Std. Error	7.0	3.5	4.2		15.4	2.1	4.5	10.8	4.1	
	Sample Size	25	42	69	1	3	512	27	6	56	1

Appendix Table 15. District 115 gillnet catch of sockeye salmon, sex, and age class by fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class													
		1982		1981		1980		1979		1978					
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Statistical Week	25	(June 16 - 22)													
Male															
Sample Number							44		2	8			1		55
Percent							44.9		2.0	8.2			1.0		56.1
Std. Error							5.1		1.4	2.8					5.0
Number							479		22	87			11		599
Female															
Sample Number				2	1		32			8					43
Percent				2.0	1.0		32.7			8.2					43.9
Std. Error				1.4			4.8			2.8					5.0
Number				22	11		349			87					469
All Fish															
Sample Number				2	1		76		2	16			1		98
Percent				2.0	1.0		77.6		2.0	16.3			1.0		100.0
Std. Error				1.4			4.2		1.4	3.8					
Number				22	11		828		22	174			11		1068
Statistical Week	26	(June 23 - 29)													
Male															
Sample Number	3			16	9	1	258		1	12	55				355
Percent	0.5			2.4	1.4	0.2	38.9		0.2	1.8	8.3				53.5
Std. Error	0.3			0.6	0.4		1.9			0.5	1.1				1.9
Number	21			109	62	7	1762		7	82	376				2426
Female															
Sample Number	1			10	5		233		1	7	50			1	309
Percent	0.2			1.5	0.8		35.1		0.2	1.1	7.5			0.2	46.5
Std. Error				0.5	0.3		1.9			0.4	1.0				1.9
Number	7			68	34		1592		7	48	342			7	2112
All Fish 1/															
Sample Number	4			30	16		615		2	25	139			2	835
Percent	0.5			3.6	1.9	0.1	73.7		0.2	3.0	16.6			0.2	100.0
Std. Error	0.2			0.6	0.5		1.5		0.2	0.6	1.3			0.2	
Number	27			205	109	7	4203		14	171	950			14	5707
Statistical Week	27	(June 30 - July 6)													
Male															
Sample Number	4			14	13		235		1	2	25				294
Percent	0.7			2.4	2.2		40.1		0.2	0.3	4.3				50.2
Std. Error	0.3			0.6	0.6		2.0			0.2	0.8				2.1
Number	47			165	153		2774		12	24	295				3470
Female															
Sample Number	4			15			228		1	2	42				292
Percent	0.7			2.6			38.9		0.2	0.3	7.2				49.8
Std. Error	0.3			0.7			2.0			0.2	1.1				2.1
Number	47			177			2690		12	24	496				3446
All Fish 1/															
Sample Number	9			42	16		623		3	7	96				796
Percent	1.1			5.3	2.0		78.3		0.4	0.9	12.1				100.0
Std. Error	0.4			0.8	0.5		1.5		0.2	0.3	1.2				
Number	106			496	189		7353		35	83	1133				9395
Statistical Week	28	(July 7 - 13)													
Male															
Sample Number	3			11	13		322		8	6	61		2	1	431
Percent	0.4			1.4	1.7		41.2		1.0	0.8	7.8		0.3	0.1	55.2
Std. Error	0.2			0.4	0.5		1.8		0.4	0.3	1.0		0.2		1.8
Number	70			258	304		7542		187	141	1429		47	23	10095
Female															
Sample Number	1			14	3		234		3	7	88				350
Percent	0.1			1.8	0.4		30.0		0.4	0.9	11.3				44.8
Std. Error				0.5	0.2		1.6		0.2	0.3	1.1				1.8
Number	23			328	70		5481		71	164	2061				8198
All Fish															
Sample Number	4			25	16		556		11	13	149		2	1	781
Percent	0.5			3.2	2.0		71.2		1.4	1.7	19.1		0.3	0.1	100.0
Std. Error	0.3			0.6	0.5		1.6		0.4	0.5	1.4		0.2		
Number	93			586	374		13023		258	305	3490		47	23	18293
Statistical Week	29	(July 14 - 20)													
Male															
Sample Number				4	13		209		9	10	72				317
Percent				0.6	1.9		30.5		1.3	1.5	10.5				46.2
Std. Error				0.3	0.5		1.8		0.4	0.5	1.2				1.9
Number				39	126		2022		87	96	697				3067
Female															
Sample Number	1		2	12	5		245		3	4	96			1	369
Percent	0.1		0.3	1.7	0.7		35.7		0.4	0.6	14.0			0.1	53.8
Std. Error			0.2	0.5	0.3		1.8		0.3	0.3	1.3				1.9
Number	10		19	116	48		2370		29	39	929			10	3570
All Fish															
Sample Number	1		2	16	18		454		12	14	168			1	686
Percent	0.1		0.3	2.3	2.6		66.2		1.7	2.0	24.5			0.1	100.0
Std. Error			0.2	0.6	0.6		1.8		0.5	0.5	1.6				
Number	10		19	155	174		4392		116	135	1626			10	6637

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Appendix Table 15. District 115 gillnet catch of sockeye salmon, sex, and age class by fishing period, Southeastern Alaska, 1985 (continued).

		Brood Year and Age Class													
		1982		1981		1980		1979		1978					
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Statistical Week	30	(July 21 - 27)													
Male															
Sample Number	2			6	6			196	5	9	36			1	261
Percent	0.4			1.2	1.2			39.0	1.0	1.8	7.2			0.2	52.0
Std. Error	0.3			0.5	0.5			2.2	0.4	0.6	1.2				2.2
Number	33			99	99			3222	82	148	592			16	4291
Female															
Sample Number	1			11	5			180	4	4	35		1		241
Percent	0.2			2.2	1.0			35.9	0.8	0.8	7.0		0.2		48.0
Std. Error				0.7	0.4			2.1	0.4	0.4	1.1				2.2
Number	16			181	82			2961	66	66	575		16		3963
All Fish															
Sample Number	3			17	11			376	9	13	71		1	1	502
Percent	0.6			3.4	2.2			74.9	1.8	2.6	14.1		0.2	0.2	100.0
Std. Error	0.3			0.8	0.7			1.9	0.6	0.7	1.6				
Number	49			280	181			6183	148	214	1167		16	16	8254
Statistical Week	31	(July 28 - August 3)													
Male															
Sample Number								168	14	5	68				268
Percent		1		1	11			32.5	2.7	1.0	13.2				51.8
Std. Error					2.1			2.1	0.7	0.4	1.5				2.2
Number		53		53	583			8999	742	265	3602				14197
Female															
Sample Number				6	6			158	2	5	72				249
Percent				1.2	1.2			30.6	0.4	1.0	13.9				48.2
Std. Error				0.5	0.5			2.0	0.3	0.4	1.5				2.2
Number				318	318			8370	106	265	3814				13191
All Fish															
Sample Number		1		7	17			326	16	10	140				517
Percent		0.2		1.4	3.3			63.1	3.1	1.9	27.1				100.0
Std. Error				0.5	0.8			2.1	0.8	0.6	2.0				
Number		53		371	901			17269	848	530	7416				27388
Statistical Week	32	(August 4 - 10)													
Male															
Sample Number				4	29			388	28	7	128				584
Percent				0.3	2.5			33.4	2.4	0.6	11.0				50.3
Std. Error				0.2	0.5			1.4	0.5	0.2	0.9				1.5
Number				117	849			11359	820	205	3747				17097
Female															
Sample Number				3	12			391	13	3	152		2		576
Percent				0.3	1.0			33.7	1.1	0.3	13.1		0.2		49.7
Std. Error				0.1	0.3			1.4	0.3	0.1	1.0		0.1		1.5
Number				88	351			11447	380	88	4450		59		16863
All Fish															
Sample Number				7	41			779	41	10	280		2		1160
Percent				0.6	3.5			67.2	3.5	0.9	24.1		0.2		100.0
Std. Error				0.2	0.5			1.4	0.5	0.3	1.3		0.1		
Number				205	1200			22806	1200	293	8197		59		33960
Statistical Week	33	(August 11 - 17)													
Male															
Sample Number					13			289	43	4	150				499
Percent					1.3			29.8	4.4	0.4	15.4				51.4
Std. Error					0.4			1.5	0.7	0.2	1.2				1.6
Number					421			9369	1394	130	4862				16176
Female															
Sample Number				4	7			270	15	2	174				472
Percent				0.4	0.7			27.8	1.5	0.2	17.9				48.6
Std. Error				0.2	0.3			1.4	0.4	0.1	1.2				1.6
Number				130	227			8752	486	65	5641				15301
All Fish															
Sample Number				4	20			559	58	6	324				971
Percent				0.4	2.1			57.6	6.0	0.6	33.4				100.0
Std. Error				0.2	0.5			1.6	0.8	0.3	1.5				
Number				130	648			18121	1880	195	10503				31477
Statistical Week	34	(August 18 - 24)													
Male															
Sample Number				1	34			325	55	8	153		1		577
Percent				0.1	3.1			29.5	5.0	0.7	13.9		0.1		52.5
Std. Error					0.5			1.4	0.7	0.3	1.0				1.5
Number				68	2314			22120	3743	544	10413		68		39270
Female															
Sample Number					18			264	41	5	194		1		523
Percent					1.6			24.0	3.7	0.5	17.6		0.1		47.5
Std. Error					0.4			1.3	0.6	0.2	1.1				1.5
Number					1225			17968	2790	341	13203		68		35595
All Fish 1/															
Sample Number				1	52			590	96	13	347		2		1101
Percent				0.1	4.7			53.6	8.7	1.2	31.5		0.2		100.0
Std. Error					0.6			1.5	0.9	0.3	1.4		0.1		
Number				68	3539			40155	6534	885	23616		136		74933

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Appendix Table 15. District 115 gillnet catch of sockeye salmon, sex, and age class by fishing period, Southeastern Alaska, 1985 (continued).

Brood Year and Age Class															
		1982		1981			1980			1979			1978		Total
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	
Statistical Week	35	(August 25 - 31)													
Male															
Sample Number	1			18			118	101		1	238	2			479
Percent	0.1			1.8			11.9	10.2		0.1	24.1	0.2			48.5
Std. Error				0.4			1.0	1.0			1.4	0.1			1.6
Number	48			869			5699	4878		48	11494	97			23133
Female															
Sample Number				8			107	78		1	315				509
Percent				0.8			10.8	7.9		0.1	31.9				51.5
Std. Error				0.3			1.0	0.9			1.5				1.6
Number				386			5167	3767		48	15213				24581
All Fish 1/															
Sample Number	1			26			229	181		2	557	2			998
Percent	0.1			2.6			22.9	18.1		0.2	55.8	0.2			100.0
Std. Error				0.5			1.3	1.2		0.1	1.6	0.1			
Number	48			1256			11059	8741		97	26899	97			48197
Statistical Week	36	(Sept. 1 - 7)													
Male															
Sample Number				7			176	92		6	267	2	1		551
Percent				0.7			18.3	9.6		0.6	27.8	0.2	0.1		57.3
Std. Error				0.3			1.2	0.9		0.3	1.4	0.1			1.6
Number				191			4802	2510		164	7285	55	27		15034
Female															
Sample Number				6			133	66		2	202	1	1		411
Percent				0.6			13.8	6.9		0.2	21.0	0.1	0.1		42.7
Std. Error				0.3			1.1	0.8		0.1	1.3				1.6
Number				164			3629	1801		55	5511	27	27		11214
All Fish 1/															
Sample Number				13			310	159		8	472	3	2		967
Percent				1.3			32.1	16.4		0.8	48.8	0.3	0.2		100.0
Std. Error				0.4			1.5	1.2		0.3	1.6	0.2	0.1		
Number				355			8458	4338		218	12878	82	55		26384
Statistical Week	37	(Sept. 8 - 14)													
Male															
Sample Number				1	2	1	78	70		1	411	4			568
Percent				0.1	0.2	0.1	8.8	7.9		0.1	46.5	0.5			64.3
Std. Error				0.2	0.2		1.0	0.9			1.7	0.2			1.6
Number				10	21	10	803	721		10	4231	41			5847
Female															
Sample Number				3			46	44			222				315
Percent				0.3			5.2	5.0			25.1				35.7
Std. Error				0.2			0.7	0.7			1.5				1.6
Number				31			473	453			2285				3242
All Fish															
Sample Number				1	5	1	124	114		1	633	4			883
Percent				0.1	0.6	0.1	14.0	12.9		0.1	71.7	0.5			100.0
Std. Error				0.3	0.3		1.2	1.1			1.5	0.2			
Number				10	52	10	1276	1174		10	6516	41			9089
Statistical Weeks	38 - 42	(Sept. 15 - October 19)													
Male															
Sample Number				1			23	16			119				159
Percent				0.4			8.4	5.9			43.6				58.2
Std. Error							1.7	1.4			3.0				3.0
Number				12			272	189			1405				1878
Female															
Sample Number							9	11		1	93				114
Percent							3.3	4.0		0.4	34.1				41.8
Std. Error							1.1	1.2			2.9				3.0
Number							106	130		12	1098				1346
All Fish															
Sample Number				1			32	27		1	212				273
Percent				0.4			11.7	9.9		0.4	77.7				100.0
Std. Error							2.0	1.8			2.5				
Number				12			378	319		12	2503				3224
Combined Periods	(Percentages are weighted by period catches)														
Male															
Sample Number	13	1	58	169	2	4	2829	443	73	1791	9	4	2		5398
Percent	0.1	<0.1	0.3	2.0	<0.1	<0.1	27.1	5.1	0.6	16.9	0.1	<0.1	<0.1	<0.1	52.3
Std. Error	<0.1		0.1	0.2	<0.1	<0.1	0.5	0.3	0.1	0.4	<0.1	<0.1	<0.1	<0.1	0.6
Number	219	53	918	6004	17	94	81124	15372	1879	50515	261	85	39		156580
Female															
Sample Number	8	2	77	79		1	2530	282	43	1743	2	5	1		4773
Percent	<0.1	<0.1	0.5	1.0		<0.1	23.8	3.4	0.4	18.6	<0.1	<0.1	<0.1		47.7
Std. Error	<0.1	<0.1	0.1	0.1			0.5	0.2	0.1	0.5	<0.1	<0.1	<0.1		0.6
Number	103	19	1428	2947		7	71355	10098	1215	55705	95	112	7		143091
All Fish 1/															
Sample Number	22	3	152	253	2	5	5649	729	125	3604	11	9	4		10568
Percent	0.1	<0.1	0.8	3.0	<0.1	<0.1	51.2	8.4	1.0	35.2	0.1	0.1	<0.1	<0.1	100.0
Std. Error	<0.1	<0.1	0.1	0.2	<0.1	<0.1	0.6	0.3	0.1	0.5	<0.1	<0.1	<0.1	<0.1	
Number	333	72	2528	9001	17	101	155504	25605	3170	107068	356	198	53		304006

1/ Includes unsexed fish totals.

Appendix Table 16. Length composition of the District 115 gillnet catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class												
		1982		1981			1980			1979			1978	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
Statistical Week 25 (June 16 - 22)														
Male	Avg. Length							590.2		587.5	597.9		635.0	
	Std. Error							2.8		17.5	16.9			
	Sample Size							44		2	7		1	
Female	Avg. Length			580.0	495.0			568.4			566.9			
	Std. Error			5.0				3.5			6.7			
	Sample Size			2	1			32			8			
All Fish	Avg. Length			580.0	495.0			581.1		587.5	581.3		635.0	
	Std. Error			5.0				2.5		17.5	9.3			
	Sample Size			2	1			76		2	15		1	
Statistical Week 26 (June 23 - 29)														
Male	Avg. Length	473.3		582.5	504.4	570.0		590.6	540.0	625.4	586.6			
	Std. Error	16.7		5.1	10.5			1.6		7.3	3.9			
	Sample Size	3		16	9	1		258	1	12	55			
Female	Avg. Length	520.0		556.0	520.0		550.0	575.0	500.0	605.7	574.1		580.0	
	Std. Error			4.3	5.2			1.5		14.8	3.0			
	Sample Size	1		10	5		1	233	1	7	50		1	
All Fish	Avg. Length	485.0		571.5	508.1	570.0	550.0	582.2	520.0	615.2	579.0		595.0	
	Std. Error	16.6		4.2	6.6			1.0	20.0	5.9	2.3		15.0	
	Sample Size	4		30	16	1	1	615	2	25	139		2	
Statistical Week 27 (June 30 - July 6)														
Male	Avg. Length	485.0		587.9	517.3			589.6	540.0	605.0	595.6			
	Std. Error	11.9		4.6	7.6			1.6		55.0	6.6			
	Sample Size	4		14	13			235	1	2	25			
Female	Avg. Length	553.8		563.3				572.2	490.0	592.5	578.8			
	Std. Error	29.8		5.4				1.5		7.5	3.6			
	Sample Size	4		15				227	1	2	42			
All Fish	Avg. Length	511.7		569.8	509.1			578.9	525.0	611.4	582.3			
	Std. Error	19.0		3.7	7.6			1.0	17.6	13.7	3.0			
	Sample Size	9		42	16			622	3	7	96			
Statistical Week 28 (July 7 - 13)														
Male	Avg. Length	508.3		574.5	508.5		580.0	581.6	545.3	613.3	590.7		612.5	565.0
	Std. Error	29.5		5.2	11.8		8.9	1.4	15.8	7.7	3.1		7.5	
	Sample Size	3		11	13		4	322	8	6	61		2	1
Female	Avg. Length	495.0		564.3	516.7			566.6	517.7	594.3	574.9			
	Std. Error			7.5	15.9			1.5	5.0	5.1	2.7			
	Sample Size	1		14	3			234	3	7	88			
All Fish	Avg. Length	506.0		568.8	510.0		580.0	575.3	536.5	603.1	581.3		612.5	565.0
	Std. Error	21.1		4.8	9.9		8.9	1.1	12.0	5.1	2.1		7.5	
	Sample Size	4		25	16		4	556	11	13	149		2	1
Statistical Week 29 (July 14 - 20)														
Male	Avg. Length			578.8	492.3			585.9	535.6	612.0	596.4			
	Std. Error			10.9	9.6			1.6	14.3	9.1	3.6			
	Sample Size			4	13			209	9	10	72			
Female	Avg. Length	400.0	310.0	571.3	506.0			570.9	496.7	567.5	575.1		600.0	
	Std. Error			3.8	6.2			1.5	23.5	36.2	2.2			
	Sample Size	1	2	12	5			244	3	4	96		1	
All Fish	Avg. Length	400.0	310.0	573.1	496.1			577.8	525.8	599.3	584.2		600.0	
	Std. Error			3.8	7.2			1.1	12.7	12.6	2.1			
	Sample Size	1	2	16	18			453	12	14	168		1	
Statistical Week 30 (July 21 - 27)														
Male	Avg. Length	465.0		577.5	510.0			581.1	553.0	612.8	590.1			585.0
	Std. Error	20.0		8.2	13.8			1.7	12.4	8.5	4.0			
	Sample Size	2		6	6			194	5	9	36			1
Female	Avg. Length	505.0		570.9	517.0			569.9	542.5	613.8	579.0		540.0	
	Std. Error			4.7	19.4			1.6	4.8	14.5	3.7			
	Sample Size	1		11	5			180	4	4	35		1	
All Fish	Avg. Length	478.3		573.2	513.2			575.7	548.3	613.1	584.6		540.0	585.0
	Std. Error	17.6		4.1	11.0			1.2	7.1	7.0	2.8			
	Sample Size	3		17	11			374	9	13	71		1	1
Statistical Week 31 (July 28 - August 3)														
Male	Avg. Length		305.0	575.0	504.5			580.4	527.9	593.0	587.1			
	Std. Error				3.6			2.0	5.5	13.4	3.7			
	Sample Size		1	1	11			165	14	5	68			
Female	Avg. Length			570.8	494.2			566.8	540.0	588.0	576.2			
	Std. Error			3.7	20.2			1.4	10.0	9.0	2.7			
	Sample Size			6	6			158	2	5	72			
All Fish	Avg. Length		305.0	571.4	500.9			573.8	529.4	590.5	581.5			
	Std. Error			3.2	7.2			1.3	5.0	7.7	2.3			
	Sample Size		1	7	17			323	16	10	140			
Statistical Week 32 (August 4 - 10)														
Male	Avg. Length			576.3	508.8			577.9	539.3	602.1	589.3			
	Std. Error			5.2	6.4			1.2	6.8	8.2	2.4			
	Sample Size			4	29			387	28	7	128			
Female	Avg. Length			568.3	504.2			565.2	524.6	573.3	579.5		590.0	
	Std. Error			6.0	8.7			0.9	11.6	30.0	1.9		40.0	
	Sample Size			3	12			390	13	3	152		2	
All Fish	Avg. Length			572.9	507.4			571.5	534.6	593.5	583.9		590.0	
	Std. Error			3.9	5.1			0.8	5.9	10.5	1.5		40.0	
	Sample Size			7	41			777	41	10	280		2	

-Continued-

Appendix Table 16. Length composition of the District 115 gillnet catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985 (continued).

		Brood Year and Age Class												
		1982		1981			1980			1979			1978	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
Statistical Week	33	(August 11 - 17)												
Male	Avg. Length				512.7		586.2	543.7	591.3	596.5				
	Std. Error				4.4		1.3	5.0	11.3	2.2				
	Sample Size				13		288	43	4	149				
Female	Avg. Length			567.5	527.9		571.4	525.0	597.5	586.7				
	Std. Error			9.5	10.9		1.2	7.6	17.5	1.8				
	Sample Size			4	7		270	15	2	174				
All Fish	Avg. Length			567.5	518.0		579.0	538.9	593.3	591.2				
	Std. Error			9.5	4.9		0.9	4.3	8.5	1.4				
	Sample Size			4	20		558	58	6	323				
Statistical Week	34	(August 18 - 24)												
Male	Avg. Length			580.0	505.4		580.9	540.5	605.6	593.5	540.0			
	Std. Error				5.2		1.2	3.2	9.4	2.3				
	Sample Size			1	34		323	55	8	153	1			
Female	Avg. Length				498.6		567.8	529.6	596.0	581.8	540.0			
	Std. Error				6.0		1.4	3.3	9.9	1.6				
	Sample Size				18		263	41	5	194	1			
All Fish 1/	Avg. Length			580.0	503.1		575.0	535.9	601.9	587.0	540.0			
	Std. Error				4.0		1.0	2.4	6.8	1.4				
	Sample Size			1	52		587	96	13	347	2			
Statistical Week	35	(August 25 - 31)												
Male	Avg. Length	525.0			510.6		583.5	544.4	620.0	604.8	557.5			
	Std. Error				7.9		2.3	2.1	1.7	27.5				
	Sample Size	1			16		100	96	1	226	2			
Female	Avg. Length				511.3		573.5	531.4	585.0	588.1				
	Std. Error				8.6		2.0	2.8	1.3					
	Sample Size				8		96	73	1	297				
All Fish 1/	Avg. Length	525.0			510.8		578.6	538.8	602.5	595.3	557.5			
	Std. Error				5.9		1.6	1.7	17.5	1.1	27.5			
	Sample Size	1			24		196	169	2	523	2			
Statistical Week	36	(Sept. 1 - 7)												
Male	Avg. Length				512.9		587.3	549.8	625.0	611.8	587.5	645.0		
	Std. Error				10.1		1.7	3.0	8.0	1.5	2.5			
	Sample Size				7		176	92	6	267	2	1		
Female	Avg. Length				505.0		574.2	536.3	605.0	589.3	535.0	620.0		
	Std. Error				7.5		1.7	2.5	10.0	1.6				
	Sample Size				6		133	66	2	202	1	1		
All Fish 1/	Avg. Length				509.2		581.7	544.1	620.0	602.1	570.0	632.5		
	Std. Error				6.3		1.3	2.1	6.9	1.2	17.6	12.5		
	Sample Size				13		309	158	8	469	3	2		
Statistical Week	37	(Sept. 8 - 14)												
Male	Avg. Length			585.0	490.0	370.0	594.4	552.0	605.0	617.9	552.5			
	Std. Error				35.0		2.4	3.5		1.2	11.1			
	Sample Size			1	2	1	78	70	1	411	4			
Female	Avg. Length				521.7		580.8	534.8		596.9				
	Std. Error				9.3		3.1	3.2		1.5				
	Sample Size				3		46	44		221				
All Fish	Avg. Length			585.0	509.0	370.0	589.4	545.4	605.0	610.5	552.5			
	Std. Error				14.4		2.0	2.6		1.0	11.1			
	Sample Size			1	5	1	124	114	1	632	4			
Statistical Weeks	38 - 42	(Sept. 15 - October 19)												
Male	Avg. Length				440.0		593.5	559.1		614.8				
	Std. Error						4.2	7.6		1.7				
	Sample Size				1		23	16		119				
Female	Avg. Length						585.3	538.8	655.0	598.1				
	Std. Error						6.5	6.5		2.4				
	Sample Size						9	10	1	93				
All Fish	Avg. Length				440.0		591.2	551.3	655.0	607.5				
	Std. Error						3.5	5.6		1.5				
	Sample Size				1		32	26	1	212				
Combined Periods (Unweighted)														
Male	Avg. Length	487.7	305.0	580.9	507.0	470.0	580.0	584.2	545.8	610.5	604.2	560.0	626.3	575.0
	Std. Error	9.4		2.4	2.4	%100.0	8.9	0.5	1.4	3.1	0.7	8.5	8.8	10.0
	Sample Size	13	1	58	167	2	4	2802	438	73	1777	9	4	2
Female	Avg. Length	516.9	310.0	566.3	508.0		550.0	570.0	531.9	595.2	585.5	537.5	588.0	580.0
	Std. Error	23.3	<0.1	2.1	3.2			0.4	1.4	5.2	0.6	2.5	18.3	
	Sample Size	8	2	77	79		1	2515	276	43	1724	2	5	1
All Fish 1/	Avg. Length	496.6	308.3	571.2	506.8	470.0	574.0	577.4	540.4	605.5	594.7	555.9	605.0	585.0
	Std. Error	10.5	1.7	1.7	1.9	%100.0	9.1	0.3	1.0	2.7	0.5	7.4	12.3	9.4
	Sample Size	22	3	152	251	2	5	5602	715	125	3564	11	9	4

1/ Includes unsexed fish totals.

Appendix Table 17. District 101 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class												
		1982		1981		1980			1979		1978	Total
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Statistical Week	28	(July 14 - 20)										
Male												
Sample Number												0
Percent												0.0
Std. Error												0.0
Number												0
Female												
Sample Number												0
Percent												0.0
Std. Error												0.0
Number												0
All Fish 1/												
Sample Number				103	1		253	12		17		386
Percent				26.7	0.3		65.5	3.1		4.4		100.0
Std. Error				2.3			2.4	0.9		1.0		
Number				2125	21		5218	248		351		7963
Statistical Week	30	(July 21 - 27)										
Male												
Sample Number		2		1	51	1	186	25	2	21		289
Percent		0.4		0.2	9.0	0.2	32.9	4.4	0.4	3.7		51.2
Std. Error		0.3			1.2		2.0	0.9	0.3	0.8		2.1
Number		44		22	1116	22	4070	547	44	460		6325
Female												
Sample Number					44		201	10	1	20		276
Percent					7.8		35.6	1.8	0.2	3.5		48.8
Std. Error					1.1		2.0	0.6		0.8		2.1
Number					963		4398	219	22	438		6040
All Fish 1/												
Sample Number		2		1	116	1	449	39	3	54		665
Percent		0.3		0.2	17.4	0.2	67.5	5.9	0.5	8.1		100.0
Std. Error		0.2			1.5		1.8	0.9	0.3	1.1		
Number		44		22	2539	22	9826	854	66	1181		14554
Statistical Week	31	(July 28 - August 3)										
Male												
Sample Number		1		1	51	2	176	28	1	21		281
Percent		0.2		0.2	8.6	0.3	29.7	4.7	0.2	3.5		47.4
Std. Error					1.2	0.2	1.9	0.9		0.8		2.1
Number		28		28	1435	56	4951	788	28	591		7905
Female												
Sample Number					53		209	22		28		312
Percent					8.9		35.2	3.7		4.7		52.6
Std. Error					1.2		2.0	0.8		0.9		2.1
Number					1491		5860	619		787		8777
All Fish 1/												
Sample Number		1		1	104	2	385	50	1	49		593
Percent		0.2		0.2	17.5	0.3	64.9	8.4	0.2	8.3		100.0
Std. Error					1.6	0.2	2.0	1.1		1.1		
Number		28		28	2926	56	10831	1407	28	1378		16682
Statistical Week	32	(August 4 - 10)										
Male												
Sample Number		5		2	34	3	169	58	1	43		315
Percent		0.7		0.3	5.0	0.4	24.9	8.5	0.1	6.3		46.3
Std. Error		0.3		0.2	0.8	0.3	1.7	1.1		0.9		1.9
Number		234		94	1593	141	7915	2716	47	2014		14754
Female												
Sample Number		5		2	24	2	232	47	2	51		365
Percent		0.7		0.3	3.5	0.3	34.1	6.9	0.3	7.5		53.7
Std. Error		0.3		0.2	0.7	0.2	1.8	1.0	0.2	1.0		1.9
Number		234		94	1124	94	10866	2201	94	2389		17096
All Fish 1/												
Sample Number		10		4	58	5	402	105	3	94		681
Percent		1.5		0.6	8.5	0.7	59.0	15.4	0.4	13.8		100.0
Std. Error		0.5		0.3	1.1	0.3	1.9	1.4	0.3	1.3		
Number		468		188	2717	235	18828	4917	141	4403		31897
Statistical Week	33	(August 11 - 17)										
Male												
Sample Number					9		65	20	4	26		125
Percent					2.9		20.8	6.4	1.3	8.3	0.3	39.9
Std. Error					0.9		2.3	1.4	0.6	1.6		2.8
Number					566		4087	1257	251	1635	63	7859
Female												
Sample Number				1	20		110	16	2	39		188
Percent				0.3	6.4		35.1	5.1	0.6	12.5		60.1
Std. Error					1.4		2.7	1.2	0.5	1.9		2.8
Number				63	1257		6915	1006	126	2452		11819
All Fish 1/												
Sample Number				1	29		175	36	6	65	1	313
Percent				0.3	9.3		55.9	11.5	1.9	20.8	0.3	100.0
Std. Error					1.6		2.8	1.8	0.8	2.3		
Number				63	1823		11002	2263	377	4087	63	19678

-Continued-

Appendix Table 17. District 101 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985 (continued).

		Brood Year and Age Class											
		1982		1981			1980			1979		1978	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	Total
Statistical Week	34	(August 18 - 24)											
Male													
Sample Number	1	1		56	7		146	58		46		1	316
Percent	0.1	0.1		8.3	1.0		21.7	8.6		6.8		0.1	46.9
Std. Error				1.1	0.4		1.6	1.1		1.0			1.9
Number	35	35		1947	243		5076	2016		1599		35	10986
Female													
Sample Number		2		67	2	1	201	41		44			358
Percent		0.3		9.9	0.3	0.1	29.8	6.1		6.5			53.1
Std. Error		0.2		1.2	0.2		1.8	0.9		1.0			1.9
Number		70		2329	70	35	6988	1425		1530			12447
All Fish													
Sample Number	1	3		123	9	1	347	99		90		1	674
Percent	0.1	0.4		18.2	1.3	0.1	51.5	14.7		13.4		0.1	100.0
Std. Error		0.3		1.5	0.4		1.9	1.4		1.3			
Number	35	105		4276	313	35	12064	3441		3129		35	23433
Statistical Week	35	(August 25 - 31)											
Male													
Sample Number		1		26	2		79	9		1	24	2	144
Percent		0.3		7.3	0.6		22.3	2.5		0.3	6.8	0.6	40.6
Std. Error				1.4	0.4		2.2	0.8			1.3	0.4	2.6
Number		12		303	23		920	105		12	280	23	1678
Female													
Sample Number				86	2		83	22		1	16	1	211
Percent				24.2	0.6		23.4	6.2		0.3	4.5	0.3	59.4
Std. Error				2.3	0.4		2.2	1.3			1.1		2.6
Number				1002	23		967	256		12	186	12	2458
All Fish													
Sample Number		1		112	4		162	31		2	40	3	355
Percent		0.3		31.5	1.1		45.6	8.7		0.6	11.3	0.8	100.0
Std. Error				2.5	0.6		2.6	1.5		0.4	1.7	0.5	
Number		12		1305	46		1887	361		24	466	35	4136
Statistical Weeks	36 - 40	(Sept. 1 - October 5)											
Male													
Sample Number				32	3		87	15		23		1	161
Percent				8.4	0.8		22.8	3.9		6.0		0.3	42.1
Std. Error				1.4	0.5		2.1	1.0		1.2			2.5
Number				102	10		278	48		74		3	515
Female													
Sample Number				89	2		74	38		18			221
Percent				23.3	0.5		19.4	9.9		4.7			57.9
Std. Error				2.2	0.4		2.0	1.5		1.1			2.5
Number				285	6		237	122		57			707
All Fish													
Sample Number				121	5		161	53		41		1	382
Percent				31.7	1.3		42.1	13.9		10.7		0.3	100.0
Std. Error				2.4	0.6		2.5	1.8		1.6			
Number				387	16		515	170		131		3	1222
Combined Periods (Percentages are weighted by period catches)													
Male													
Sample Number	1	10	4	259	18		908	213	9	204	5		1631
Percent	<0.1	0.3	0.1	6.5	0.5		25.0	6.8	0.3	6.1	0.1		45.7
Std. Error		0.1	0.1	0.4	0.1		0.8	0.5	0.1	0.4	0.1		0.9
Number	35	353	144	7062	495		27297	7477	382	6653	124		50022
Female													
Sample Number		7	3	383	8	1	1110	196	6	216	1		1931
Percent		0.3	0.1	7.7	0.2	<0.1	33.1	5.3	0.2	7.2	<0.1		54.3
Std. Error		0.1	0.1	0.4	0.1		0.8	0.4	0.1	0.5			0.9
Number		304	157	8451	193	35	36251	5848	254	7839	12		59344
All Fish 1/													
Sample Number	1	17	7	766	27	1	2334	425	15	450	6		4049
Percent	<0.1	0.5	0.3	15.1	0.6	<0.1	58.7	11.4	0.5	12.7	0.1		100.0
Std. Error		0.1	0.1	0.6	0.1		0.9	0.6	0.2	0.6	0.1		
Number	35	657	301	18098	709	35	70171	13661	636	15126	136		119565

1/ Includes unsexed fish totals.

Appendix Table 18. Length composition of the District 101 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class										
		1982		1981			1980			1979		1978
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4
Statistical Weeks 28 - 29 (July 7 - 20)												
Male	Avg. Length											
	Std. Error											
	Sample Size											
Female	Avg. Length											
	Std. Error											
	Sample Size											
All Fish 1/Avg. Length				488.2	380.0		561.7	521.3		586.8		
	Std. Error			3.3			1.9	12.3		11.4		
	Sample Size			103	1		253	12		17		
Statistical Week 30 (July 21 - 27)												
Male	Avg. Length	350.0	575.0	489.8	380.0		577.1	500.2	610.0	588.6		
	Std. Error	10.0		5.3			2.0	9.9	45.0	8.5		
	Sample Size	2	1	51	1		186	25	2	21		
Female	Avg. Length			498.2			562.2	506.5	610.0	552.5		
	Std. Error			3.4			1.7	7.2		6.1		
	Sample Size			44			201	10	1	20		
All Fish 1/Avg. Length		350.0	575.0	493.3	380.0		568.2	502.7	610.0	577.2		
	Std. Error	10.0		3.0			1.3	6.7	26.0	5.1		
	Sample Size	2	1	116	1		449	39	3	54		
Statistical Week 31 (July 28 - August 3)												
Male	Avg. Length	400.0	620.0	495.9	367.5		579.6	514.8	595.0	584.3		
	Std. Error			4.7	2.5		2.1	7.4		8.2		
	Sample Size	1	1	51	2		176	28	1	21		
Female	Avg. Length			484.5			564.9	513.9		571.4		
	Std. Error			4.9			1.5	9.3		6.9		
	Sample Size			53			209	22		28		
All Fish	Avg. Length	400.0	620.0	490.1	367.5		571.6	514.4	595.0	576.9		
	Std. Error			3.4	2.5		1.3	5.7		5.3		
	Sample Size	1	1	104	2		385	50	1	49		
Statistical Week 32 (August 4 - 10)												
Male	Avg. Length	370.0	625.0	506.8	398.3		581.2	525.0	620.0	576.2		
	Std. Error	8.2	25.0	5.7	24.0		2.0	4.3		5.1		
	Sample Size	5	2	34	3		169	58	1	43		
Female	Avg. Length	335.0	565.0	509.8	390.0		571.7	518.1	602.5	571.8		
	Std. Error	8.9	10.0	5.4	20.0		1.5	4.9	7.5	4.1		
	Sample Size	5	2	24	2		232	47	2	51		
All Fish 1/Avg. Length		352.5	595.0	508.0	395.0		575.7	521.9	608.3	573.8		
	Std. Error	8.2	20.5	4.0	14.7		1.2	3.3	7.3	3.2		
	Sample Size	10	4	58	5		402	105	3	94		
Statistical Week 33 (August 11 - 17)												
Male	Avg. Length			510.0			590.2	510.0	620.0	595.6	560.0	
	Std. Error			8.9			3.2	6.1	12.1	10.3		
	Sample Size			9			65	20	4	26	1	
Female	Avg. Length		580.0	501.8			570.5	516.3	622.5	585.8		
	Std. Error			8.3			2.6	7.2	2.5	4.4		
	Sample Size		1	20			110	16	2	39		
All Fish	Avg. Length		580.0	504.3			577.8	512.8	620.8	589.7	560.0	
	Std. Error			6.3			2.1	4.6	7.7	4.9		
	Sample Size		1	29			175	36	6	65	1	

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Appendix Table 18. Length composition of the District 101 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985 (continued).

		Brood Year and Age Class										
		1982		1981			1980			1979		1978
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4
Statistical Week 34 (August 18 - 24)												
Male	Avg. Length	445.0	365.0		509.8	405.0		581.0	515.4		588.4	595.0
	Std. Error				4.3	8.8		2.5	4.6		5.4	
	Sample Size	1	1		56	7		146	58		46	1
Female	Avg. Length		355.0		511.3	420.0	600.0	567.4	514.5		566.5	
	Std. Error		15.0		3.2	10.0		1.8	4.1		5.3	
	Sample Size		2		67	2	1	201	41		44	
All Fish	Avg. Length	445.0	358.3		510.7	408.3	600.0	573.1	515.1		577.7	595.0
	Std. Error		9.3		2.6	7.3		1.5	3.2		3.9	
	Sample Size	1	3		123	9	1	347	99		90	1
Statistical Week 35 (August 25 - 31)												
Male	Avg. Length		450.0		513.7	370.0		591.0	528.3	580.0	595.2	592.5
	Std. Error				5.4	20.0		3.2	11.0		11.2	7.5
	Sample Size		1		26	2		79	9	1	24	2
Female	Avg. Length				507.6	395.0		572.0	516.8	575.0	578.8	580.0
	Std. Error				3.1	15.0		2.9	6.5		6.5	
	Sample Size				86	2		83	22	1	16	1
All Fish	Avg. Length		450.0		509.0	382.5		581.3	520.2	577.5	588.6	588.3
	Std. Error				2.7	12.5		2.3	5.6	2.5	7.3	6.0
	Sample Size		1		112	4		162	31	2	40	3
Statistical Weeks 36 - 40 (Sept. 1 - October 5)												
Male	Avg. Length				513.3	415.0		587.6	506.3		595.4	575.0
	Std. Error				5.6	7.6		3.1	12.0		7.4	
	Sample Size				32	3		87	15		23	1
Female	Avg. Length				504.3	405.0		572.9	508.4		551.7	
	Std. Error				2.2	5.0		3.3	3.1		29.4	
	Sample Size				89	2		74	38		18	
All Fish	Avg. Length				506.7	411.0		580.9	507.8		576.2	575.0
	Std. Error				2.2	5.1		2.3	4.0		13.8	
	Sample Size				121	5		161	53		41	1
Combined Periods (Unweighted)												
Male	Avg. Length	445.0	376.5	611.3	503.6	396.1		582.1	515.6	610.6	587.9	583.0
	Std. Error		10.1	15.9	2.1	6.5		0.9	2.6	10.2	2.9	7.2
	Sample Size	1	10	4	259	18		908	213	9	204	5
Female	Avg. Length		340.7	570.0	503.0	402.5	600.0	567.9	514.1	605.8	570.2	580.0
	Std. Error		7.9	7.6	1.5	6.7		0.7	2.1	7.5	3.2	
	Sample Size		7	3	383	8	1	1110	196	6	216	1
All Fish 1/Avg.	Length	445.0	361.8	593.6	500.9	397.4	600.0	572.6	515.0	608.7	579.6	582.5
	Std. Error		7.9	12.2	1.1	4.8		0.6	1.7	6.6	2.1	5.9
	Sample Size	1	17	7	766	27	1	2334	425	15	450	6

Appendix Table 19. District 102 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class									
	1982		1981		1980		1979		
	1.1	0.3	1.2	1.3	2.2	1.4	2.3	Total	
Statistical Weeks	29	-	31	(July 14 - August 3)					
Male									
Sample Number			5	7	1		1	14	
Percent			15.6	22.0	3.1		3.1	43.8	
Std. Error			6.5	7.4				8.9	
Number			163	227	33		33	456	
Female									
Sample Number				15	1		2	18	
Percent				46.9	3.1		6.3	56.3	
Std. Error				9.0			4.3	8.9	
Number				488	33		65	586	
All Fish 1/									
Sample Number	1	2	101	267	23	1	16	411	
Percent	0.2	0.5	24.6	65.0	5.6	0.2	3.9	100.0	
Std. Error		0.3	2.1	2.4	1.1		1.0		
Number	33	65	3290	8699	749	33	521	13390	
Statistical Weeks	32	-	40	(August 4 - October 5)					
Male									
Sample Number			46	55	17		5	123	
Percent			16.1	19.3	6.0		1.8	43.2	
Std. Error			2.2	2.3	1.4		0.8	2.9	
Number			3423	4093	1265		372	9153	
Female									
Sample Number	1	2	47	84	23		5	162	
Percent	0.4	0.7	16.4	29.4	8.1		1.8	56.8	
Std. Error		0.5	2.2	2.7	1.6		0.8	2.9	
Number	74	149	3497	6252	1711		372	12055	
All Fish 1/									
Sample Number	1	2	94	140	40		10	287	
Percent	0.3	0.7	32.8	48.8	13.9		3.5	100.0	
Std. Error		0.5	2.8	3.0	2.0		1.1		
Number	74	149	6995	10418	2976		744	21356	
Combined Periods (Percentages are weighted by period catches)									
Male									
Sample Number			51	62	18		6	137	
Percent			16.1	19.5	5.8		1.8	43.2	
Std. Error			2.8	3.2	1.5		1.3	3.9	
Number			3586	4320	1298		405	9609	
Female									
Sample Number	1	2	47	99	24		7	180	
Percent	0.3	0.7	15.7	30.3	7.8		2.0	56.8	
Std. Error		0.3	1.4	3.8	1.6		1.7	3.9	
Number	74	149	3497	6740	1744		437	12641	
All Fish 1/									
Sample Number	2	4	195	407	63	1	26	698	
Percent	0.3	0.6	29.6	55.1	10.7	0.1	3.6	100.0	
Std. Error	0.2	0.3	1.9	2.0	1.3		0.8		
Number	107	214	10285	19117	3725	33	1265	34746	

1/ Includes unsexed fish totals.

Appendix Table 20. Length composition of the District 102 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class						
		1982	1981		1980		1979	
		1.1	0.3	1.2	1.3	2.2	1.4	2.3
Statistical Weeks 29 - 31 (July 14 - August 3)								
Male	Avg. Length			508.0	549.3	515.0		520.0
	Std. Error			22.4	18.4			
	Sample Size			5	7	1		1
Female	Avg. Length				549.7	480.0		555.0
	Std. Error				5.6			15.0
	Sample Size				15	1		2
All Fish 1/	Avg. Length	445.0	580.0	499.5	567.5	517.4	685.0	579.1
	Std. Error		5.0	3.7	1.7	5.7		7.8
	Sample Size	1	2	101	267	23	1	16
Statistical Weeks 32 - 40 (August 4 - October 5)								
Male	Avg. Length			496.8	558.7	514.4		607.0
	Std. Error			3.3	3.6	9.4		13.4
	Sample Size			46	55	17		5
Female	Avg. Length	395.0	555.0	501.3	557.6	505.2		570.0
	Std. Error		5.0	3.4	3.3	6.2		10.6
	Sample Size	1	2	47	84	23		5
All Fish 1/	Avg. Length	395.0	555.0	499.4	558.1	509.1		588.5
	Std. Error		5.0	2.4	2.4	5.3		10.1
	Sample Size	1	2	94	140	40		10
Combined Periods (Unweighted)								
Male	Avg. Length			497.9	557.7	514.4		592.5
	Std. Error			3.6	3.7	8.9		18.2
	Sample Size			51	62	18		6
Female	Avg. Length	395.0	555.0	501.3	556.4	504.2		565.7
	Std. Error		5.0	3.4	2.9	6.1		8.5
	Sample Size	1	2	47	99	24		7
All Fish 1/	Avg. Length	420.0	567.5	499.4	564.3	512.1	685.0	582.7
	Std. Error	25.0	7.8	2.2	1.4	4.0		6.1
	Sample Size	2	4	195	407	63	1	26

1/ Includes unsexed fish totals.

Appendix Table 21. District 103 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class												
		1982		1981		1980			1979			Total
		0.2	1.1	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	
Statistical Weeks 32 - 33 (August 4 - 17)												
Male												
Sample Number				26		28	15			8	1	78
Percent				14.6		15.7	8.4			4.5	0.6	43.8
Std. Error				2.7		2.7	2.1			1.6		3.7
Number				1519		1637	876			467	58	4557
Female												
Sample Number				33		40	19		1	7		100
Percent				18.5		22.5	10.7		0.6	3.9		56.2
Std. Error				2.9		3.1	2.3			1.5		3.7
Number				1928		2337	1110		58	409		5842
All Fish 1/												
Sample Number				68		77	37		2	18	1	203
Percent				33.5		37.9	18.2		1.0	8.9	0.5	100.0
Std. Error				3.3		3.4	2.7		0.7	2.0		
Number				3973		4498	2162		117	1052	58	11860
Statistical Weeks 34 - 36 (August 18 - Sept. 7)												
Male												
Sample Number	1	1	83	2	102	51	1			13		254
Percent	0.2	0.2	13.5	0.3	16.6	8.3	0.2			2.1		41.4
Std. Error			1.4	0.2	1.5	1.1				0.6		2.0
Number	23	23	1948	47	2396	1197	23			305		5962
Female												
Sample Number			108		162	69				19	2	360
Percent			17.6		26.4	11.2				3.1	0.3	58.6
Std. Error			1.5		1.8	1.3				0.7	0.2	2.0
Number			2535		3802	1620				446	47	8450
All Fish 1/												
Sample Number	1	1	197	2	267	125	1			33	2	629
Percent	0.2	0.2	31.3	0.3	42.4	19.9	0.2			5.2	0.3	100.0
Std. Error			1.9	0.2	2.0	1.6				0.9	0.2	
Number	23	23	4624	47	6268	2934	23			775	47	14764
Combined Periods (Percentages are weighted by period catches)												
Male												
Sample Number	1	1	109	2	130	66	1			21	1	332
Percent	0.1	0.1	14.0	0.2	16.2	8.4	0.1			3.1	0.2	42.4
Std. Error			1.4	0.1	1.5	1.1				0.8		2.0
Number	23	23	3467	47	4033	2073	23			772	58	10519
Female												
Sample Number			141		202	88			1	26	2	460
Percent			18.0		24.7	11.0			0.2	3.4	0.2	57.6
Std. Error			1.6		1.7	1.3				0.8	0.1	2.0
Number			4463		6139	2730			58	855	47	14292
All Fish 1/												
Sample Number	1	1	265	2	344	162	1		2	51	3	832
Percent	0.1	0.1	32.3	0.2	40.4	19.1	0.1		0.4	6.9	0.4	100.0
Std. Error			1.8	0.1	1.9	1.5			0.3	1.0	0.3	
Number	23	23	8597	47	10766	5096	23		117	1827	105	26624

1/ Includes unsexed fish totals.

Appendix Table 22. Length composition of the District 103 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class									
		1982		1981		1980			1979		
		0.2	1.1	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2
Statistical Weeks 32 - 33 (August 4 - 17)											
Male	Avg. Length			504.2		564.3	499.2			566.3	466.0
	Std. Error			4.8		7.2	11.0			6.7	
	Sample Size			24		27	12			8	1
Female	Avg. Length			511.7		553.8	506.0		554.0	538.3	
	Std. Error			4.1		5.5	5.4			14.6	
	Sample Size			32		35	15		1	7	
All Fish 1/	Avg. Length			506.0		558.9	501.6		563.0	552.0	466.0
	Std. Error			2.9		4.2	5.4		9.0	7.3	
	Sample Size			64		68	30		2	17	1
Statistical Weeks 34 - 36 (August 18 - Sept. 7)											
Male	Avg. Length	385.0	330.0	492.1	387.0	556.0	505.5	419.0		546.8	
	Std. Error			3.5	19.0	2.5	4.8			5.1	
	Sample Size	1	1	83	2	102	51	1		13	
Female	Avg. Length			491.0		540.5	499.4			539.5	527.0
	Std. Error			2.7		2.2	3.1			6.1	47.0
	Sample Size			108		162	69			19	2
All Fish 1/	Avg. Length	385.0	330.0	491.5	387.0	546.4	502.1	419.0		542.5	527.0
	Std. Error			2.1	19.0	1.7	2.7			4.1	47.0
	Sample Size	1	1	192	2	265	121	1		32	2
Combined Periods (Unweighted)											
Male	Avg. Length	385.0	330.0	494.8	387.0	557.7	504.3	419.0		554.2	466.0
	Std. Error			2.9	19.0	2.5	4.4			4.5	
	Sample Size	1	1	107	2	129	63	1		21	1
Female	Avg. Length			495.7		542.9	500.6		554.0	539.2	527.0
	Std. Error			2.4		2.1	2.8			5.8	47.0
	Sample Size			140		197	84		1	26	2
All Fish 1/	Avg. Length	385.0	330.0	495.1	387.0	549.0	502.0	419.0	563.0	545.8	506.7
	Std. Error			1.8	19.0	1.6	2.4		9.0	3.7	33.9
	Sample Size	1	1	256	2	333	151	1	2	49	3

1/ Includes unsexed fish totals.

Appendix Table 23. District 104 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

	Brood Year and Age Class											Total
	1982		1981			1990			1979		1978	
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	2.3	3.2	3.3	
Statistical Week 28 (July 7 - 13)												
Male												
Sample Number			1	25		86	6	5				123
Percent			0.4	9.4		32.2	2.2	1.9				48.1
Std. Error				1.8		2.9	0.9	0.8				3.1
Number			22	539		1852	129	108				2650
Female												
Sample Number				28		1	108	3	4			144
Percent				10.5		0.4	40.4	1.1	1.5			53.9
Std. Error				1.9			3.0	0.6	0.7			3.1
Number				603		22	2327	65	86			3103
All Fish 1/												
Sample Number	1		2	111		1	391	20	19			545
Percent	0.2		0.4	20.4		0.2	71.7	3.7	3.5			100.0
Std. Error			0.3	1.7			1.9	0.8	0.8			
Number	22		43	2392		22	8425	431	409			11743
Statistical Week 29 (July 14 - 20)												
Male												
Sample Number				28	1	53	1	3				86
Percent				11.9	0.4	22.8	0.4	1.3				38.6
Std. Error				2.1		2.7		0.7				3.1
Number				1197	43	2266	43	128				3677
Female												
Sample Number				25		117	7					149
Percent				10.6		49.8	3.0					63.4
Std. Error				2.0		3.3	1.1					3.1
Number				1069		5002	299					6370
All Fish 1/												
Sample Number				87	1	262	12	13				375
Percent				23.2	0.3	69.9	3.2	3.5				100.0
Std. Error				2.2		2.4	0.9	0.9				
Number				3719	43	11201	513	556				16032
Statistical Week 30 (July 21 - 27)												
Male												
Sample Number				41	1	126	16	21				205
Percent				7.6	0.2	23.4	3.0	3.9				38.1
Std. Error				1.1		1.8	0.7	0.8				2.1
Number				3404	83	10462	1328	1744				17021
Female												
Sample Number				68		229	29	7				333
Percent				12.6		42.6	5.4	1.3				61.9
Std. Error				1.4		2.1	1.0	0.5				2.1
Number				5646		19013	2408	581				27648
All Fish 1/												
Sample Number		1		171	4	590	64	46			1	877
Percent		0.1		19.5	0.5	67.3	7.3	5.2			0.1	100.0
Std. Error				1.3	0.2	1.6	0.9	0.8				
Number		83		14198	332	48986	5314	3819			83	72815
Statistical Week 31 (July 28 - August 3)												
Male												
Sample Number				67		277	35	30				409
Percent				8.2		33.9	4.3	3.7				50.1
Std. Error				1.0		1.7	0.7	0.7				1.8
Number				8704		35983	4547	3897				53131
Female												
Sample Number				86		283	21	16	2			408
Percent				10.5		34.6	2.6	2.0	0.2			49.9
Std. Error				1.1		1.7	0.6	0.5	0.2			1.8
Number				11172		36763	2728	2078	260			53001
All Fish 1/												
Sample Number				166		604	57	49	2			878
Percent				18.9		68.8	6.5	5.6	0.2			100.0
Std. Error				1.3		1.6	0.8	0.8	0.2			
Number				21564		78462	7405	6365	260			114056
Statistical Week 32 (August 4 - 10)												
Male												
Sample Number	1	1	1	36	3	123	20	24				209
Percent	0.2	0.2	0.2	6.4	0.5	22.0	3.6	4.3				37.4
Std. Error				1.0	0.3	1.8	0.8	0.9				2.0
Number	246	246	246	8861	738	30274	4923	5907				51441
Female												
Sample Number	1	1	2	99		210	28	8	1			350
Percent	0.2	0.2	0.4	17.7		37.6	5.0	1.4	0.2			62.6
Std. Error			0.3	1.6		2.1	0.9	0.5				2.0
Number	246	246	492	24367		51686	6892	1969	246			86144
All Fish 1/												
Sample Number	2	2	3	140	3	343	48	33	1			575
Percent	0.3	0.3	0.5	24.3	0.5	59.7	8.3	5.7	0.2			100.0
Std. Error	0.2	0.2	0.3	1.8	0.3	2.0	1.2	1.0				
Number	492	492	738	34458	738	84422	11814	8122	246			141523

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Appendix Table 23. District 104 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985 (continued).

Brood Year and Age Class												
	1982		1981			1980			1979		1978	Total
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	2.3	3.2	3.3	
Statistical Week 33 (August 11 - 17)												
Male												
Sample Number	1		30			114	13	9				167
Percent	0.3		9.0			34.3	3.9	2.7				50.3
Std. Error			1.6			2.6	1.1	0.9				2.7
Number	102		3065			11649	1328	920				17064
Female												
Sample Number			62			87	14	2				165
Percent			18.7			26.2	4.2	0.6				49.7
Std. Error			2.1			2.4	1.1	0.4				2.7
Number			6335			8890	1431	204				16860
All Fish 1/												
Sample Number	1		93			205	27	11				337
Percent	0.3		27.6			60.8	8.0	3.3				100.0
Std. Error			2.4			2.7	1.5	1.0				
Number	102		9503			20947	2759	1124				34435
Statistical Week 34 (August 18 - 24)												
Male												
Sample Number	1		30			73	7	5				116
Percent	0.4		12.3			29.9	2.9	2.0				47.5
Std. Error			2.1			2.9	1.1	0.9				3.2
Number	116		3466			8435	809	577				13403
Female												
Sample Number			51			68	6	3				128
Percent			20.9			27.9	2.5	1.2				52.5
Std. Error			2.6			2.9	1.0	0.7				3.2
Number			5893			7857	693	347				14790
All Fish												
Sample Number	1		81			141	13	8				244
Percent	0.4		33.2			57.8	5.3	3.3				100.0
Std. Error			3.0			3.2	1.4	1.1				
Number	116		9359			16292	1502	924				28193
Statistical Week 35 (August 25 - 31)												
Male												
Sample Number	1		37	2		163	12	16				231
Percent	0.1		5.0	0.3		21.9	1.6	2.2				31.0
Std. Error			0.8	0.2		1.5	0.5	0.5				1.7
Number	17		635	34		2796	206	274				3962
Female												
Sample Number	1		129			325	32	24	2			513
Percent	0.1		17.3			43.7	4.3	3.2	0.3			69.0
Std. Error			1.4			1.8	0.7	0.6	0.2			1.7
Number	17		2213			5574	549	412	34			8799
All Fish 1/												
Sample Number	2		166	2		489	44	40	2			745
Percent	0.3		22.3	0.3		65.6	5.9	5.4	0.3			100.0
Std. Error	0.2		1.5	0.2		1.7	0.9	0.8	0.2			
Number	34		2847	34		8388	755	686	34			12778
Combined Periods (Percentages are weighted by period catches)												
Male												
Sample Number	2	3	2	294	7	1015	110	113				1546
Percent	0.1	0.1	0.1	7.9	0.2	27.4	3.5	3.6				42.8
Std. Error	0.1	0.1	0.1	0.5	0.1	0.8	0.4	0.4				1.0
Number	348	379	268	29871	898	103717	13313	13555				162349
Female												
Sample Number	1	2	2	548		1	1427	140	64	5		2190
Percent	0.1	0.1	0.1	15.1		<0.1	36.2	4.0	1.5	0.1		57.2
Std. Error		0.1	0.1	0.7			0.9	0.4	0.2	0.1		1.0
Number	246	263	492	57298		22	137112	15065	5677	540		216715
All Fish 1/												
Sample Number	4	6	5	1015	10	1	3025	285	219	5	1	4576
Percent	0.1	0.2	0.2	22.7	0.3	<0.1	64.2	7.1	5.1	0.1	<0.1	100.0
Std. Error	0.1	0.1	0.1	0.8	0.1		0.9	0.5	0.4	0.1		
Number	616	725	781	98040	1147	22	277123	30493	22005	540	83	431575

1/ Includes unsexed fish totals.

Appendix Table 24. Length composition of the District 104 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class										
		1982		1981			1980			1979		1978
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	2.3	3.2	3.3
Statistical Week	28 (July 7 - 13)											
Male	Avg. Length			510.0	504.4			575.1	513.3	619.0		
	Std. Error				9.6			4.3	17.4	6.4		
	Sample Size			1	25			86	6	5		
Female	Avg. Length				491.4		560.0	566.4	511.7	600.0		
	Std. Error				9.8			1.9	13.6	21.9		
	Sample Size				28		1	108	3	4		
All Fish 1/	Avg. Length	455.0		545.0	498.8		560.0	566.9	513.5	587.4		
	Std. Error			35.0	4.1			1.5	6.8	9.6		
	Sample Size	1		2	111		1	391	20	19		
Statistical Week	29 (July 14 - 20)											
Male	Avg. Length				470.8	380.0		562.5	550.0	594.0		
	Std. Error				6.9			4.0		17.0		
	Sample Size				28	1		53	1	3		
Female	Avg. Length				494.1			545.5	531.3			
	Std. Error				7.7			2.1	15.5			
	Sample Size				25			117	7			
All Fish 1/	Avg. Length				484.8	380.0		550.9	529.9	563.5		
	Std. Error				4.1			1.9	9.5	7.1		
	Sample Size				87	1		262	12	13		
Statistical Week	30 (July 21 - 27)											
Male	Avg. Length				507.3	383.0		577.0	518.7	596.3		
	Std. Error				4.2			2.5	8.9	7.2		
	Sample Size				41	1		126	16	21		
Female	Avg. Length				496.0			561.1	511.8	572.1		
	Std. Error				3.5			1.6	6.0	12.7		
	Sample Size				68			229	29	7		
All Fish 1/	Avg. Length		360.0		500.3	380.8		565.7	515.2	590.7		570.0
	Std. Error				2.4	12.8		1.2	4.4	5.6		
	Sample Size		1		171	4		590	64	46		1
Statistical Week	31 (July 28 - August 3)											
Male	Avg. Length				502.1			576.3	515.5	592.3		
	Std. Error				4.0			1.6	6.7	7.6		
	Sample Size				67			276	35	30		
Female	Avg. Length				494.4			562.0	528.8	567.5	531.0	
	Std. Error				3.2			1.6	6.4	9.8	9.0	
	Sample Size				85			283	21	16	2	
All Fish 1/	Avg. Length				497.8			569.8	521.7	581.7	531.0	
	Std. Error				2.4			1.2	5.0	5.9	9.0	
	Sample Size				165			603	57	49	2	
Statistical Week	32 (August 4 - 10)											
Male	Avg. Length	426.0	360.0	575.0	501.4	418.3		579.5	537.7	624.9		
	Std. Error				5.7	45.7		2.2	9.5	8.5		
	Sample Size	1	1	1	36	3		123	20	24		
Female	Avg. Length	594.0	344.0	551.0	502.8			563.6	526.4	563.5	491.0	
	Std. Error			6.0	3.0			1.9	5.7	6.2		
	Sample Size	1	1	2	99			210	28	8	1	
All Fish 1/	Avg. Length	510.0	352.0	559.0	503.0	418.3		569.5	531.1	609.5	491.0	
	Std. Error	84.0	8.0	8.7	2.6	45.7		1.5	5.2	7.8		
	Sample Size	2	2	3	140	3		343	48	33	1	

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Appendix Table 24. Length composition of the District 104 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985 (continued).

		Brood Year and Age Class										
		1982		1981			1980			1979		1978
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	2.3	3.2	3.3
Statistical Week 33 (August 11 - 17)												
Male	Avg. Length	510.0			514.5			582.4	558.5	603.1		
	Std. Error				4.0			2.7	7.2	14.8		
	Sample Size	1			30			114	13	9		
Female	Avg. Length				508.4			558.2	526.6	560.0		
	Std. Error				2.7			3.5	6.6	20.0		
	Sample Size				62			87	14	2		
All Fish 1/	Avg. Length	510.0			510.8			572.4	541.9	595.3		
	Std. Error				2.3			2.3	5.7	13.4		
	Sample Size	1			93			205	27	11		
Statistical Week 34 (August 18 - 24)												
Male	Avg. Length		340.0		513.0			568.6	536.0	585.6		
	Std. Error				5.1			3.3	10.6	21.8		
	Sample Size		1		30			73	7	5		
Female	Avg. Length				511.7			552.8	532.2	555.0		
	Std. Error				3.2			3.8	12.1	24.0		
	Sample Size				51			68	6	3		
All Fish	Avg. Length		340.0		512.2			561.0	534.2	574.1		
	Std. Error				2.8			2.6	7.6	16.2		
	Sample Size		1		81			141	13	8		
Statistical Week 35 (August 25 - 31)												
Male	Avg. Length		340.0		514.8	462.5		572.1	513.4	612.3		
	Std. Error				4.5	72.5		2.5	13.4	9.1		
	Sample Size		1		37	2		162	12	16		
Female	Avg. Length		405.0		508.4			564.9	517.0	559.3	500.0	
	Std. Error				2.4			1.6	5.0	6.0	20.0	
	Sample Size		1		126			325	32	24	2	
All Fish 1/	Avg. Length		372.5		509.8	462.5		567.3	516.0	580.5	500.0	
	Std. Error		32.5		2.2	72.5		1.3	5.1	6.5	20.0	
	Sample Size		2		163	2		487	44	40	2	
Combined Periods (Unweighted)												
Male	Avg. Length	468.0	346.7	542.5	503.9	420.4		575.4	526.3	604.6		
	Std. Error	42.0	6.7	32.5	2.0	26.6		0.9	3.9	3.8		
	Sample Size	2	3	2	294	7		1013	110	113		
Female	Avg. Length	594.0	374.5	551.0	502.4		560.0	561.1	521.8	565.6	510.6	
	Std. Error		30.5	6.0	1.3			0.7	2.6	4.1	11.0	
	Sample Size	1	2	2	544		1	1427	140	64	5	
All Fish 1/	Avg. Length	496.3	358.2	553.4	502.2	408.3	560.0	566.3	523.2	587.4	510.6	570.0
	Std. Error	36.9	10.1	12.5	1.0	19.7		0.5	2.1	2.8	11.0	
	Sample Size	4	6	5	1011	10	1	3022	285	219	5	1

1/ Includes unsexed fish totals.

Appendix Table 25. District 105 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class									
	1982		1981		1980		1979		Total
	1.1	0.3	1.2	1.3	2.2	1.4	2.3		
Statistical Weeks	31	-	36	(July 28 - Sept. 7)					
Male									
Sample Number		1	48	214	20	2	22	307	
Percent		0.1	7.2	32.0	3.0	0.3	3.3	45.9	
Std. Error			1.0	1.8	0.7	0.2	0.7	1.9	
Number		3	159	709	66	7	73	1017	
Female									
Sample Number	1		90	225	24	2	20	362	
Percent	0.1		13.5	33.6	3.6	0.3	3.0	54.1	
Std. Error			1.3	1.8	0.7	0.2	0.7	1.9	
Number	3		298	745	80	7	66	1199	
All Fish									
Sample Number	1	1	138	439	44	4	42	669	
Percent	0.1	0.1	20.6	65.6	6.6	0.6	6.3	100.0	
Std. Error			1.6	1.8	1.0	0.3	0.9		
Number	3	3	457	1454	146	14	139	2216	

Appendix Table 26. Length composition of the District 105 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class					
		1982	1981		1980		1979
		1.1	0.3	1.2	1.3	2.2	1.4 2.3
Statistical Weeks 31 - 36 (July 28 - Sept. 7)							
Male	Avg. Length		640.0	531.8	573.0	554.8	580.0 556.8
	Std. Error			6.7	2.5	7.7	30.0 28.7
	Sample Size		1	48	214	20	2 22
Female	Avg. Length	330.0		504.2	557.3	523.8	540.0 567.3
	Std. Error			3.6	2.2	24.0	10.0 9.7
	Sample Size	1		90	225	24	2 20
All Fish	Avg. Length	330.0	640.0	513.8	565.0	537.8	560.0 561.8
	Std. Error			3.5	1.7	13.6	17.3 15.6
	Sample Size	1	1	138	439	44	4 42

Appendix Table 27. District 109 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class														
	1982		1981			1980			1979			1978	Total	
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	3.3		
Statistical Weeks	29	-	31	(July 14 - August 3)										
Male														
Sample Number	2	5	4	38	2		82	36	1	28	2		200	
Percent	0.5	1.2	1.0	9.4	0.5		20.2	8.9	0.2	6.9	0.5		49.3	
Std. Error	0.3	0.5	0.5	1.4	0.3		2.0	1.4		1.3	0.3		2.5	
Number	30	74	59	564	30		1217	535	15	416	29		2969	
Female														
Sample Number	2	1	6	39		1	98	26		30	3		206	
Percent	0.5	0.2	1.5	9.6		0.2	24.1	6.4		7.4	0.7		50.7	
Std. Error	0.3		0.6	1.5			2.1	1.2		1.3	0.4		2.5	
Number	30	15	89	579		15	1455	386		445	45		3059	
All Fish														
Sample Number	4	6	10	77	2	1	180	62	1	58	5		406	
Percent	1.0	1.5	2.5	19.0	0.5	0.2	44.3	15.3	0.2	14.3	1.2		100.0	
Std. Error	0.5	0.6	0.8	1.9	0.3		2.5	1.8		1.7	0.5			
Number	60	89	148	1143	30	15	2672	921	15	861	74		6028	
Statistical Week	32	(August 4 - 10)												
Male														
Sample Number	3	5	4	27	1		61	27	3	48		1	180	
Percent	0.8	1.3	1.0	6.8	0.3		15.4	6.8	0.8	12.1		0.3	45.5	
Std. Error	0.4	0.6	0.5	1.3			1.8	1.3	0.4	1.6			2.5	
Number	42	70	56	380	14		858	379	42	675		14	2530	
Female														
Sample Number	3		6	27			78	29		71	2		216	
Percent	0.8		1.5	6.8			19.7	7.3		17.9	0.5		54.5	
Std. Error	0.4		0.6	1.3			2.0	1.3		1.9	0.4		2.5	
Number	42		84	380			1097	408		998	28		3037	
All Fish														
Sample Number	6	5	10	54	1		139	56	3	119	2	1	396	
Percent	1.5	1.3	2.5	13.6	0.3		35.1	14.1	0.8	30.1	0.5	0.3	100.0	
Std. Error	0.6	0.6	0.8	1.7			2.4	1.8	0.4	2.3	0.4			
Number	84	70	140	760	14		1955	787	42	1673	28	14	5567	
Statistical Week	33	(August 11 - 17)												
Male														
Sample Number			2	10			43	38		51			144	
Percent			0.5	2.7			11.5	10.1		13.6			38.4	
Std. Error			0.4	0.8			1.6	1.6		1.8			2.5	
Number			20	102			440	389		524			1475	
Female														
Sample Number	2		2	19			59	46		102		1	231	
Percent	0.5		0.5	5.1			15.7	12.3		27.2		0.3	61.6	
Std. Error	0.4		0.4	1.1			1.9	1.7		2.3			2.5	
Number	20		20	195			604	471		1045		10	2365	
All Fish														
Sample Number	2		4	29			102	84		153		1	375	
Percent	0.5		1.1	7.7			27.2	22.4		40.8		0.3	100.0	
Std. Error	0.4		0.5	1.4			2.3	2.2		2.5				
Number	20		40	297			1044	860		1569		10	3840	
Statistical Weeks	34	-	36	(August 18 - Sept. 7)										
Male														
Sample Number		4		14	5		67	37	1	45	3		176	
Percent		1.0		3.3	1.2		16.0	8.9	0.2	10.8	0.7		42.1	
Std. Error		0.5		0.9	0.5		1.8	1.4		1.5	0.4		2.4	
Number		27		93	33		446	246	7	300	20		1172	
Female														
Sample Number	1			49			87	47		54	2	2	242	
Percent	0.2			11.7			20.8	11.2		12.9	0.5	0.5	57.9	
Std. Error				1.6			2.0	1.5		1.6	0.3	0.3	2.4	
Number	7			327			580	313		359	13	13	1612	
All Fish														
Sample Number	1	4		63	5		154	84	1	99	5	2	418	
Percent	0.2	1.0		15.1	1.2		36.8	20.1	0.2	23.7	1.2	0.5	100.0	
Std. Error		0.5		1.8	0.5		2.4	2.0		2.1	0.5	0.3		
Number	7	27		420	33		1026	559	7	659	33	13	2784	
Combined Periods (Percentages are weighted by period catches)														
Male														
Sample Number	5	14	10	89	8		253	138	5	172	5	1	700	
Percent	0.4	0.9	0.7	6.3	0.4		16.3	8.5	0.3	10.5	0.3	0.1	44.7	
Std. Error	0.2	0.3	0.2	0.7	0.2		1.0	0.7	0.2	0.8	0.1		1.3	
Number	72	171	135	1139	77		2961	1549	64	1915	49	14	8146	
Female														
Sample Number	8	1	14	134		1	322	148		257	7	3	895	
Percent	0.5	0.1	1.1	8.1		0.1	20.5	8.7		15.6	0.5	0.1	55.3	
Std. Error	0.2		0.3	0.7			1.1	0.7		0.9	0.2	0.1	1.3	
Number	99	15	193	1481		15	3736	1578		2847	86	23	10073	
All Fish														
Sample Number	13	15	24	223	8	1	575	286	5	429	12	4	1595	
Percent	0.9	1.0	1.8	14.4	0.4	0.1	36.8	17.2	0.3	26.1	0.7	0.2	100.0	
Std. Error	0.3	0.3	0.4	0.9	0.2		1.3	1.0	0.2	1.1	0.2	0.1		
Number	171	186	328	2620	77	15	6697	3127	64	4762	135	37	18219	

Appendix Table 28. Length composition of the District 109 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class											
		1982		1981			1980			1979			1978
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	3.3
Statistical Weeks 29 - 31 (July 14 - August 3)													
Male	Avg. Length	462.5	367.0	581.3	478.8	372.5		575.1	496.3	530.0	572.0	470.0	
	Std. Error	7.5	2.0	24.9	6.0	22.5		3.5	4.9		6.5	5.0	
	Sample Size	2	5	4	38	2		82	36	1	28	2	
Female	Avg. Length	462.5	355.0	525.8	474.5		640.0	551.2	477.9		553.2	538.3	
	Std. Error	2.5		17.0	3.8			2.8	5.9		6.2	18.3	
	Sample Size	2	1	6	39		1	98	26		30	3	
All Fish	Avg. Length	462.5	365.0	548.0	476.6	372.5	640.0	562.1	488.5	530.0	562.3	511.0	
	Std. Error	3.2	2.6	16.1	3.5	22.5		2.4	3.9		4.6	19.6	
	Sample Size	4	6	10	77	2	1	180	62	1	58	5	
Statistical Week 32 (August 4 - 10)													
Male	Avg. Length	456.7	342.0	573.8	476.7	400.0		572.5	496.9	558.3	583.8		600.0
	Std. Error	23.3	10.6	6.9	7.9			3.7	6.8	7.3	5.7		
	Sample Size	3	5	4	27	1		61	27	3	48		1
Female	Avg. Length	470.0		534.2	481.9			557.2	497.2		580.0	485.0	
	Std. Error	17.3		12.0	4.8			2.7	5.8		3.1	35.0	
	Sample Size	3		6	27			78	29		71	2	
All Fish	Avg. Length	463.3	342.0	550.0	479.3	400.0		563.9	497.1	558.3	581.5	485.0	600.0
	Std. Error	13.3	10.6	9.8	4.6			2.3	4.4	7.3	2.9	35.0	
	Sample Size	6	5	10	54	1		139	56	3	119	2	1
Statistical Week 33 (August 11 - 17)													
Male	Avg. Length			575.0	487.5			590.0	515.7		615.7		
	Std. Error			25.0	12.8			4.2	5.8		4.1		
	Sample Size			2	10			43	38		51		
Female	Avg. Length	497.5		580.0	492.6			566.6	520.7		587.5		595.0
	Std. Error	17.5			5.0			3.9	4.2		2.4		
	Sample Size	2		2	19			59	46		102		1
All Fish	Avg. Length	497.5		577.5	490.9			576.5	518.4		596.9		595.0
	Std. Error	17.5		10.3	5.4			3.1	3.5		2.3		
	Sample Size	2		4	29			102	84		153		1
Statistical Weeks 34 - 36 (August 18 - Sept. 7)													
Male	Avg. Length		372.5		498.6	387.0		582.2	511.2	510.0	600.8	530.0	
	Std. Error		22.9		8.3	5.8		4.4	7.9		6.1	17.3	
	Sample Size		4		14	5		67	37	1	45	3	
Female	Avg. Length	500.0			491.7			557.5	489.6		562.4	475.0	572.5
	Std. Error				4.7			3.2	4.2		5.1	15.0	7.5
	Sample Size	1			49			87	47		54	2	2
All Fish	Avg. Length	500.0	372.5		493.3	387.0		568.2	499.1	510.0	579.8	508.0	572.5
	Std. Error		22.9		4.1	5.8		2.8	4.3		4.4	17.1	7.5
	Sample Size	1	4		63	5		154	84	1	99	5	2
Combined Periods (Unweighted)													
Male	Avg. Length	459.0	359.6	577.0	482.2	385.0		578.9	505.7	543.0	595.8	506.0	600.0
	Std. Error	13.1	7.8	10.2	4.0	6.3		2.0	3.3	10.7	3.0	17.6	
	Sample Size	5	14	10	89	8		253	138	5	172	5	1
Female	Avg. Length	478.8	355.0	537.1	484.9		640.0	557.2	498.7		576.1	505.0	580.0
	Std. Error	8.8		9.8	2.4			1.6	2.7		2.0	16.1	8.7
	Sample Size	8	1	14	134		1	322	148		257	7	3
All Fish	Avg. Length	471.2	359.3	553.8	483.8	385.0	640.0	566.7	502.1	543.0	584.0	505.4	585.0
	Std. Error	7.6	7.3	8.1	2.2	6.3		1.3	2.1	10.7	1.7	11.4	7.9
	Sample Size	13	15	24	223	8	1	575	286	5	429	12	4

Appendix Table 29. District 110 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class												
		1982		1981		1980			1979		1978			
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	Total
Statistical Week	29	(July 14 - 20)												
Male														
Sample Number	3	1	6	63	2		108	15	2	28				228
Percent	0.7	0.2	1.4	15.2	0.5		26.1	3.6	0.5	6.8				55.1
Std. Error	0.4		0.6	1.8	0.3		2.2	0.9	0.3	1.2				2.4
Number	20	7	41	430	14		737	102	14	191				1556
Female														
Sample Number	1	3	9	26	2		106	18	2	19				186
Percent	0.2	0.7	2.2	6.3	0.5		25.6	4.3	0.5	4.6				44.9
Std. Error		0.4	0.7	1.2	0.3		2.1	1.0	0.3	1.0				2.4
Number	7	20	61	177	14		723	123	14	130				1269
All Fish 1/														
Sample Number	4	4	15	89	4		215	33	4	47				415
Percent	1.0	1.0	3.6	21.4	1.0		51.8	8.0	1.0	11.3				100.0
Std. Error	0.5	0.5	0.9	2.0	0.5		2.5	1.3	0.5	1.6				
Number	27	27	102	607	28		1466	225	28	321				2831
Statistical Week	30	(July 21 - 27)												
Male														
Sample Number	6	5	3	41		1	69	16	1	20				162
Percent	1.7	1.4	0.8	11.4		0.3	19.1	4.4	0.3	5.5				44.9
Std. Error	0.7	0.6	0.5	1.7			2.1	1.1		1.2				2.6
Number	39	33	20	269		7	452	105	7	131				1063
Female														
Sample Number	7	2	6	29	2		108	15	1	29				199
Percent	1.9	0.6	1.7	8.0	0.6		29.9	4.2	0.3	8.0				55.1
Std. Error	0.7	0.4	0.7	1.4	0.4		2.4	1.1		1.4				2.6
Number	46	13	39	190	13		708	98	7	190				1304
All Fish														
Sample Number	13	7	9	70	2	1	177	31	2	49				361
Percent	3.6	1.9	2.5	19.4	0.6	0.3	48.9	8.6	0.6	13.6				100.0
Std. Error	1.0	0.7	0.8	2.1	0.4		2.6	1.5	0.4	1.8				
Number	85	46	59	459	13	7	1160	203	14	321				2367
Statistical Week	31	(July 28 - August 3)												
Male														
Sample Number	9	7	9	45	4	1	109	21	3	29				237
Percent	2.1	1.7	2.1	10.6	0.9	0.2	25.7	5.0	0.7	6.8				55.9
Std. Error	0.7	0.6	0.7	1.5	0.5		2.1	1.1	0.4	1.2				2.4
Number	131	102	130	653	58	15	1582	305	43	421				3440
Female														
Sample Number	4	9	5	33	2		93	14	1	24		2		187
Percent	0.9	2.1	1.2	7.8	0.5		21.9	3.3	0.2	5.7		0.5		44.1
Std. Error	0.5	0.7	0.5	1.3	0.3		2.0	0.9		1.1		0.3		2.4
Number	58	131	73	479	29		1350	203	15	348		29		2715
All Fish														
Sample Number	13	16	14	78	6	1	202	35	4	53		2		424
Percent	3.1	3.8	3.3	18.4	1.4	0.2	47.6	8.3	0.9	12.5		0.5		100.0
Std. Error	0.8	0.9	0.9	1.9	0.6		2.4	1.3	0.5	1.6		0.3		
Number	189	233	203	1132	87	15	2932	508	58	769		29		6155
Statistical Weeks	32 - 34	(August 4 - 24)												
Male														
Sample Number	10	4	6	34	5		81	43	1	82		2		268
Percent	1.9	0.7	1.1	6.3	0.9		15.0	8.0	0.2	15.2		0.4		49.7
Std. Error	0.6	0.4	0.5	1.0	0.4		1.5	1.2		1.5		0.3		2.2
Number	84	33	50	285	42		678	360	8	686		17		2243
Female														
Sample Number	4	5	6	18	1		92	44		99		2		271
Percent	0.7	0.9	1.1	3.3	0.2		17.1	8.2		18.4		0.4		50.3
Std. Error	0.4	0.4	0.5	0.8			1.6	1.2		1.7		0.3		2.2
Number	33	42	50	151	8		770	368		829		17		2268
All Fish														
Sample Number	14	9	12	52	6		173	87	1	181		4		539
Percent	2.6	1.7	2.2	9.6	1.1		32.1	16.2	0.2	33.6		0.7		100.0
Std. Error	0.7	0.6	0.6	1.3	0.5		2.0	1.6		2.0		0.4		
Number	117	75	100	436	50		1448	728	8	1515		34		4511
Combined Periods (Percentages are weighted by period catches)														
Male														
Sample Number	28	17	24	183	11	2	367	95	7	159		2		895
Percent	1.7	1.1	1.5	10.3	0.7	0.1	21.8	5.5	0.5	9.0		0.1		52.3
Std. Error	0.3	0.3	0.3	0.8	0.2	0.1	1.1	0.6	0.2	0.7		0.1		1.3
Number	274	175	241	1637	114	22	3449	872	72	1429		17		8302
Female														
Sample Number	16	19	26	106	7		399	91	4	171		2		843
Percent	0.9	1.3	1.4	6.3	0.4		22.4	5.0	0.2	9.4		0.1	0.2	47.7
Std. Error	0.2	0.3	0.3	0.6	0.2		1.0	0.5	0.1	0.7		0.1	0.1	1.3
Number	144	206	223	997	64		3551	792	36	1497		17	29	7556
All Fish 1/														
Sample Number	44	36	50	289	18	2	767	186	11	330		4	2	1739
Percent	2.6	2.4	2.9	16.6	1.1	0.1	44.2	10.5	0.7	18.4		0.2	0.2	100.0
Std. Error	0.4	0.4	0.4	0.9	0.3	0.1	1.2	0.8	0.2	0.9		0.1	0.1	
Number	418	381	464	2634	178	22	7006	1664	108	2926		34	29	15864

1/ Includes unsexed fish totals.

Appendix Table 30. Length composition of the District 110 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class											
		1982		1981			1980			1979			1978
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4
Statistical Week	29 (July 14 - 20)												
Male	Avg. Length	418.3	380.0	560.8	478.1	377.5		581.1	497.0	605.0	582.0		
	Std. Error	1.7		6.2	6.2	7.5		3.3	11.4	5.0	6.0		
	Sample Size	3	1	6	63	2		108	15	2	28		
Female	Avg. Length	440.0	348.3	554.4	484.8	345.0		564.9	513.3	547.5	569.2		
	Std. Error		3.3	7.3	9.1	15.0		2.6	6.9	72.5	5.5		
	Sample Size	1	3	9	26	2		106	18	2	19		
All Fish 1/	Avg. Length	423.8	356.3	557.0	480.1	361.3		570.4	505.9	576.3	576.8		
	Std. Error	5.5	8.3	5.0	5.1	11.6		3.4	6.4	34.0	4.3		
	Sample Size	4	4	15	89	4		215	33	4	47		
Statistical Week	30 (July 21 - 27)												
Male	Avg. Length	487.5	364.0	565.0	486.7		620.0	569.3	514.1	625.0	582.5		
	Std. Error	16.2	20.6	37.5	8.2			6.6	10.4		10.5		
	Sample Size	6	5	3	41		1	69	16	1	20		
Female	Avg. Length	472.9	345.0	562.5	481.2	452.5		559.7	520.0	605.0	555.3		
	Std. Error	13.9	25.0	7.5	8.7	37.5		2.9	10.4		5.2		
	Sample Size	7	2	6	29	2		108	15	1	29		
All Fish	Avg. Length	479.6	358.6	563.3	484.4	452.5	620.0	563.4	516.9	615.0	566.4		
	Std. Error	10.3	15.6	11.9	6.0	37.5		3.1	7.2	10.0	5.6		
	Sample Size	13	7	9	70	2	1	177	31	2	49		
Statistical Week	31 (July 28 - August 3)												
Male	Avg. Length	481.7	347.9	578.9	469.2	375.0	550.0	579.8	502.1	600.0	587.4		
	Std. Error	21.2	9.0	8.6	5.8	20.7		3.2	10.6	2.9	4.9		
	Sample Size	9	7	9	45	4	1	109	21	3	29		
Female	Avg. Length	445.0	340.0	567.0	477.7	392.5		561.1	479.3	600.0	566.0		590.0
	Std. Error	11.5	3.3	4.4	5.8	12.5		3.4	6.8		5.5		20.0
	Sample Size	4	9	5	33	2		93	14	1	24		2
All Fish	Avg. Length	470.4	343.4	574.6	472.8	380.8	550.0	571.2	493.0	600.0	577.7		590.0
	Std. Error	15.6	4.3	5.8	4.1	14.0		2.4	7.1	2.0	3.9		20.0
	Sample Size	13	16	14	78	6	1	202	35	4	53		2
Statistical Weeks	32 - 34 (August 4 - 24)												
Male	Avg. Length	445.0	347.5	563.3	480.1	381.0		568.6	495.9	615.0	587.1	472.5	
	Std. Error	4.1	11.6	8.1	5.9	8.7		3.5	6.2		4.1	17.5	
	Sample Size	10	4	6	34	5		81	43	1	82	2	
Female	Avg. Length	468.8	340.0	535.0	473.1	370.0		562.3	499.9		573.4	465.0	
	Std. Error	22.8	9.1	9.3	6.9			3.3	5.6		2.7	5.0	
	Sample Size	4	5	6	18	1		92	44		99	2	
All Fish	Avg. Length	451.8	343.3	549.2	477.7	379.2		565.2	497.9	615.0	579.6	468.8	
	Std. Error	7.2	6.9	7.3	4.5	7.4		2.4	4.1		2.4	7.7	
	Sample Size	14	9	12	52	6		173	87	1	181	4	
Combined Periods (Unweighted)													
Male	Avg. Length	463.0	354.4	568.8	478.2	378.2	585.0	575.7	500.5	607.1	585.7	472.5	
	Std. Error	8.7	7.4	5.8	3.4	7.9	35.0	2.0	4.4	3.9	2.8	17.5	
	Sample Size	28	17	24	183	11	2	367	95	7	159	2	
Female	Avg. Length	462.8	341.8	554.2	479.6	392.9		562.0	502.7	575.0	568.8	465.0	590.0
	Std. Error	8.8	3.4	4.3	3.9	19.4		1.5	3.8	33.6	2.1	5.0	20.0
	Sample Size	16	19	26	106	7		399	91	4	171	2	2
All Fish 1/	Avg. Length	463.0	347.8	561.2	478.7	383.9	585.0	567.8	501.6	595.5	576.9	468.8	590.0
	Std. Error	6.4	4.0	3.7	2.5	8.8	35.0	1.5	2.9	12.4	1.8	7.7	20.0
	Sample Size	44	36	50	289	18	2	767	186	11	330	4	2

1/ Includes unsexed fish totals.

Appendix Table 31. District 112 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class															
	1982		1981			1980				1979			1978		
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	Total	
Statistical Weeks	27	-	30	(June 30 - July 27)											
Male															
Sample Number	1	2	10	32	1	1	99	9		2	9			166	
Percent	0.3	0.6	3.0	9.7	0.3	0.3	30.0	2.7		0.6	2.7			50.3	
Std. Error		0.4	0.9	1.6			2.5	0.9		0.4	0.9			2.8	
Number	24	47	237	760	24	24	2351	214		47	214			3942	
Female															
Sample Number	1	1	4	27		2	111	6		2	10			164	
Percent	0.3	0.3	1.2	8.2		0.6	33.6	1.8		0.6	3.0			49.7	
Std. Error			0.6	1.5		0.4	2.6	0.7		0.4	0.9			2.8	
Number	24	24	95	641		47	2638	142		47	237			3895	
All Fish															
Sample Number	2	3	14	59	1	3	210	15		4	19			330	
Percent	0.6	0.9	4.2	17.9	0.3	0.9	63.6	4.5		1.2	5.8			100.0	
Std. Error	0.4	0.5	1.1	2.1		0.5	2.7	1.1		0.6	1.3				
Number	48	71	332	1401	24	71	4989	356		94	451			7837	
Statistical Week	31	(July 28 - August 3)													
Male															
Sample Number		1	19	30		1	50	12			17			130	
Percent		0.3	6.4	10.1		0.3	16.8	4.0			5.7			43.8	
Std. Error			1.4	1.8			2.2	1.1			1.4			2.9	
Number		11	204	322		11	537	129			183			1397	
Female															
Sample Number	1		17	21		1	87	19			21			167	
Percent	0.3		5.7	7.1		0.3	29.3	6.4			7.1			56.2	
Std. Error			1.4	1.5			2.6	1.4			1.5			2.9	
Number	11		183	226		11	934	204			225			1794	
All Fish															
Sample Number	1	1	36	51		2	137	31			38			297	
Percent	0.3	0.3	12.1	17.2		0.7	46.1	10.4			12.8			100.0	
Std. Error			1.9	2.2		0.5	2.9	1.8			1.9				
Number	11	11	387	548		22	1471	333			408			3191	
Statistical Week	32	(August 4 - 10)													
Male															
Sample Number	2	2	7	11	1		22	24			17			86	
Percent	1.1	1.1	3.8	5.9	0.5		11.9	13.0			9.2			46.5	
Std. Error	0.8	0.8	1.4	1.7			2.4	2.5			2.1			3.7	
Number	154	154	538	846	77		1692	1846			1308			6615	
Female															
Sample Number	1		2	10	1	1	31	30			22		1	99	
Percent	0.5		1.1	5.4	0.5	0.5	16.8	16.2			11.9		0.5	53.5	
Std. Error			0.8	1.7			2.8	2.7			2.4			3.7	
Number	77		154	769	77	77	2384	2307			1692		77	7614	
All Fish															
Sample Number	3	2	9	21	2	1	53	54			39		1	185	
Percent	1.6	1.1	4.9	11.4	1.1	0.5	28.6	29.2			21.1		0.5	100.0	
Std. Error	0.9	0.8	1.6	2.3	0.8		3.3	3.4			3.0				
Number	231	154	692	1615	154	77	4076	4153			3000		77	14229	
Statistical Week	33	(August 11 - 17)													
Male															
Sample Number	1	1	1	12			27	21		2	45			110	
Percent	0.4	0.4	0.4	5.0			11.2	8.7		0.8	18.7			45.6	
Std. Error				1.4			2.0	1.8		0.6	2.5			3.2	
Number	29	29	29	352			792	616		59	1322			3228	
Female															
Sample Number	2	2	2	11			22	41	1		50			131	
Percent	0.8	0.8	0.8	4.6			9.1	17.0	0.4		20.7			54.4	
Std. Error	0.6	0.6	0.6	1.3			1.9	2.4			2.6			3.2	
Number	59	59	59	323			646	1203	29		1466			3844	
All Fish															
Sample Number	3	3	3	23			49	62	1	2	95			241	
Percent	1.2	1.2	1.2	9.5			20.3	25.7	0.4	0.8	39.4			100.0	
Std. Error	0.7	0.7	0.7	1.9			2.6	2.8		0.6	3.2				
Number	88	88	88	675			1438	1819	29	59	2788			7072	

-Continued-

Appendix Table 31. District 112 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985 (continued).

		Brood Year and Age Class													
		1982		1981			1980				1979			1978	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	Total
Statistical Week	34	(August 18 - 24)													
Male															
Sample Number	1	1	11	19	7	1	65	96	1	1	146	1	1	351	
Percent	0.1	0.1	1.4	2.4	0.9	0.1	8.3	12.2	0.1	0.1	18.6	0.1	0.1	44.7	
Std. Error			0.4	0.5	0.3		1.0	1.2			1.4			1.8	
Number	5	5	56	96	35	5	328	484	5	5	736	5	5	1770	
Female															
Sample Number	1	1	6	26	1		49	174		1	172	3		434	
Percent	0.1	0.1	0.8	3.3	0.1		6.2	22.2		0.1	21.9	0.4		55.3	
Std. Error			0.3	0.6			0.9	1.5			1.5	0.2		1.8	
Number	5	5	30	131	5		247	877		5	868	15		2188	
All Fish															
Sample Number	2	2	17	45	8	1	114	270	1	2	318	4	1	785	
Percent	0.3	0.3	2.2	5.7	1.0	0.1	14.5	34.4	0.1	0.3	40.5	0.5	0.1	100.0	
Std. Error	0.2	0.2	0.5	0.8	0.4		1.3	1.7		0.2	1.8	0.3			
Number	10	10	86	227	40	5	575	1361	5	10	1604	20	5	3958	
Statistical Weeks	35 - 36	(August 25 - Sept. 7)													
Male															
Sample Number				6	1		9	13			26			55	
Percent				4.6	0.8		6.9	9.9			19.8			42.0	
Std. Error				1.8			2.2	2.6			3.5			4.3	
Number				38	6		57	83			166			350	
Female															
Sample Number				8	1		12	17			37	1		76	
Percent				6.1	0.8		9.2	13.0			28.2	0.8		58.0	
Std. Error				2.1			2.5	2.9			3.9			4.3	
Number				51	6		77	108			236	6		484	
All Fish															
Sample Number				14	2		21	30			63	1		131	
Percent				10.7	1.5		16.0	22.9			48.1	0.8		100.0	
Std. Error				2.7	1.1		3.2	3.7			4.4				
Number				89	12		134	191			402	6		834	
Combined Periods (Percentages are weighted by period catches)															
Male															
Sample Number	5	7	48	110	10	3	272	175	1	5	260	1	1	898	
Percent	0.6	0.7	2.9	6.5	0.4	0.1	15.5	9.1	<0.1	0.3	10.6	<0.1	<0.1	46.6	
Std. Error	0.3	0.3	0.6	0.8	0.2	0.1	1.1	1.0		0.1	1.0			1.7	
Number	212	246	1064	2414	142	40	5757	3372	5	111	3929	5	5	17302	
Female															
Sample Number	6	4	31	103	3	4	312	287	1	3	312	4	1	1071	
Percent	0.5	0.2	1.4	5.8	0.2	0.4	18.7	13.0	0.1	0.1	12.7	0.1	0.2	53.4	
Std. Error	0.2	0.1	0.4	0.8	0.2	0.2	1.3	1.2		0.1	1.1	<0.1		1.7	
Number	176	88	521	2141	88	135	6926	4841	29	52	4724	21	77	19819	
All Fish															
Sample Number	11	11	79	213	13	7	584	462	2	8	572	5	2	1969	
Percent	1.0	0.9	4.3	12.3	0.6	0.5	34.2	22.1	0.1	0.4	23.3	0.1	0.2	100.0	
Std. Error	0.4	0.3	0.7	1.1	0.3	0.2	1.5	1.4	0.1	0.2	1.4	<0.1	0.2		
Number	388	334	1585	4555	230	175	12683	8213	34	163	8653	26	82	37121	

Appendix Table 32. Length composition of the District 112 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class												
		1982		1981			1980				1979			1978
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4
Statistical Weeks 27 - 30 (June 30 - July 27)														
Male	Avg. Length	395.0	345.0	568.5	483.3	350.0	595.0	572.1	509.4		527.5	553.3		
	Std. Error		35.0	3.9	6.4			3.0	10.1		2.5	14.4		
	Sample Size	1	2	10	32	1	1	99	9		2	9		
Female	Avg. Length	495.0	355.0	560.0	490.6		562.5	557.6	482.5		582.5	569.0		
	Std. Error			11.7	5.0		2.5	2.2	15.9		17.5	6.4		
	Sample Size	1	1	4	27		2	111	6		2	10		
All Fish	Avg. Length	445.0	348.3	566.1	486.6	350.0	573.3	564.4	498.7		555.0	561.6		
	Std. Error	50.0	20.5	4.2	4.2		10.9	9.1	9.1		17.4	7.6		
	Sample Size	2	3	14	59	1	3	210	15		4	19		
Statistical Week 31 (July 28 - August 3)														
Male	Avg. Length		340.0	553.9	501.5		620.0	588.9	512.1			589.4		
	Std. Error			6.9	7.2			4.8	8.2			7.5		
	Sample Size		1	19	30		1	50	12			17		
Female	Avg. Length	440.0		546.8	485.2		565.0	555.6	488.9			555.0		
	Std. Error			7.9	7.0			3.4	7.8			8.7		
	Sample Size	1		17	21		1	87	19			21		
All Fish	Avg. Length	440.0	340.0	550.6	494.8		592.5	567.7	497.9			570.4		
	Std. Error			5.2	5.2		27.5	3.1	6.0			6.4		
	Sample Size	1	1	36	51		2	137	31			38		
Statistical Week 32 (August 4 - 10)														
Male	Avg. Length	460.0	327.5	565.0	479.5	385.0		578.2	513.5			590.3		
	Std. Error	10.0	2.5	11.3	12.8			8.5	8.0			7.8		
	Sample Size	2	2	7	11	1		22	24			17		
Female	Avg. Length	460.0		502.5	497.0	435.0	590.0	563.9	515.2			571.8		560.0
	Std. Error			12.3	8.9			4.7	6.8			6.2		
	Sample Size	1		2	10	1	1	31	30			22		1
All Fish	Avg. Length	460.0	327.5	551.1	487.9	410.0	590.0	569.8	514.4			579.9		560.0
	Std. Error	5.8	2.5	12.8	8.0	25.0		4.5	5.1			5.0		
	Sample Size	3	2	9	21	2	1	53	54			39		1
Statistical Week 33 (August 11 - 17)														
Male	Avg. Length	410.0	305.0	570.0	472.9			585.2	516.2		607.5	601.6		
	Std. Error				8.7			5.4	6.6		17.5	4.4		
	Sample Size	1	1	1	12			27	21		2	45		
Female	Avg. Length	477.5	375.0	587.5	480.5			558.2	514.1	415.0		577.1		
	Std. Error	2.5	10.0	2.5	6.2			5.3	3.0			3.6		
	Sample Size	2	2	2	11			22	41	1		50		
All Fish	Avg. Length	455.0	351.7	581.7	476.5			573.1	514.8	415.0	607.5	588.7		
	Std. Error	22.5	24.0	6.0	5.4			4.3	2.9		17.5	3.0		
	Sample Size	3	3	3	23			49	62	1	2	95		
Statistical Week 34 (August 18 - 24)														
Male	Avg. Length	485.0	350.0	561.4	494.5	398.6	585.0	582.8	521.5	420.0	610.0	607.1	550.0	560.0
	Std. Error			4.1	8.3	18.2		5.1	3.8			2.2		
	Sample Size	1	1	11	19	7	1	65	96	1	1	146	1	1
Female	Avg. Length	475.0	320.0	541.7	490.0	375.0		559.2	517.6		615.0	583.3	506.7	
	Std. Error			11.7	6.6			4.7	2.1			2.0	17.6	
	Sample Size	1	1	6	26	1		49	174		1	172	3	
All Fish	Avg. Length	480.0	335.0	554.4	491.9	395.6	585.0	572.7	518.9	420.0	612.5	594.2	517.5	560.0
	Std. Error	5.0	15.0	5.2	5.1	16.0		3.7	1.9		2.5	1.6	16.5	
	Sample Size	2	2	17	45	8	1	114	270	1	2	318	4	1
Statistical Weeks 35 - 36 (August 25 - Sept. 7)														
Male	Avg. Length				501.7	365.0		565.6	548.8			615.4		
	Std. Error				14.4			8.8	12.6			5.1		
	Sample Size				6	1		9	13			26		
Female	Avg. Length				505.6	365.0		555.8	518.2			575.5	505.0	
	Std. Error				15.2			7.7	5.8			4.5		
	Sample Size				8	1		12	17			37	1	
All Fish	Avg. Length				503.9	365.0		560.0	531.5			592.0	505.0	
	Std. Error				10.3			5.8	6.9			4.2		
	Sample Size				14	2		21	30			63	1	
Combined Periods (Unweighted)														
Male	Avg. Length	442.0	334.3	560.6	489.7	389.0	600.0	579.3	520.5	420.0	576.0	602.8	550.0	560.0
	Std. Error	17.2	9.7	3.4	3.6	13.6	10.4	2.1	2.8		20.6	1.9		
	Sample Size	5	7	48	110	10	3	272	175	1	5	260	1	1
Female	Avg. Length	470.8	356.3	547.3	490.0	391.7	570.0	557.9	514.2	415.0	593.3	578.2	506.3	560.0
	Std. Error	7.7	13.6	5.8	3.0	21.9	6.8	1.6	1.7		14.8	1.6	12.5	
	Sample Size	6	4	31	103	3	4	312	287	1	3	312	4	1
All Fish	Avg. Length	457.7	342.3	555.4	489.9	389.6	582.9	567.9	516.6	417.5	582.5	589.4	515.0	560.0
	Std. Error	9.5	8.2	3.2	2.4	11.2	8.1	1.4	1.5	2.5	13.6	1.3	13.0	<0.1
	Sample Size	11	11	79	213	13	7	584	462	2	8	572	5	2

Appendix Table 33. District 113 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class													
	1982		1981			1980			1979			1978	
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	Total
Statistical Weeks	29	- 30	(July 14 - 27)										
Male													
Sample Number	3	1	19	58	1	2	140	23	2	15			264
Percent	0.5	0.2	3.5	10.6	0.2	0.4	25.5	4.2	0.4	2.7			48.2
Std. Error	0.3		0.8	1.3		0.3	1.9	0.9	0.3	0.7			2.1
Number	97	32	616	1880	32	65	4538	746	65	486			8557
Female													
Sample Number	4		16	64	1	1	140	38		20			284
Percent	0.7		2.9	11.7	0.2	0.2	25.5	6.9		3.6			51.8
Std. Error	0.4		0.7	1.4			1.9	1.1		0.8			2.1
Number	130		519	2075	32	32	4538	1232		648			9206
All Fish													
Sample Number	7	1	35	122	2	3	280	61	2	35			548
Percent	1.3	0.2	6.4	22.3	0.4	0.5	51.1	11.1	0.4	6.4			100.0
Std. Error	0.5		1.0	1.8	0.3	0.3	2.1	1.3	0.3	1.0			
Number	227	32	1135	3955	64	97	9076	1978	65	1134			17763
Statistical Weeks	31	- 37	(July 28 - September 14)										
Male													
Sample Number	1	5	1	39	4		46	54	1	29		1	181
Percent	0.2	1.1	0.2	8.4	0.9		9.9	11.7	0.2	6.3		0.2	39.1
Std. Error		0.5		1.3	0.4		1.4	1.5		1.1			2.3
Number	9	45	9	351	36		414	487	9	262		9	1631
Female													
Sample Number		1	1	64	1		45	119	1	44	4	2	282
Percent		0.2	0.2	13.8	0.2		9.7	25.7	0.2	9.5	0.9	0.4	60.9
Std. Error				1.6			1.4	2.0		1.4	0.4	0.3	2.3
Number		9	9	577	9		406	1072	9	396	36	18	2541
All Fish													
Sample Number	1	6	2	103	5		91	173	2	73	4	3	463
Percent	0.2	1.3	0.4	22.2	1.1		19.7	37.4	0.4	15.8	0.9	0.6	100.0
Std. Error		0.5	0.3	1.9	0.5		1.8	2.3	0.3	1.7	0.4	0.4	
Number	9	54	18	928	45		820	1559	18	658	36	27	4172
Combined Periods (Percentages are weighted by period catches)													
Male													
Sample Number	4	6	20	97	5	2	186	77	3	44		1	445
Percent	0.5	0.4	2.8	10.2	0.3	0.3	22.6	5.6	0.3	3.4		<0.1	46.4
Std. Error	0.3	0.2	0.6	1.1	0.2	0.2	1.5	0.8	0.2	0.6			1.8
Number	106	77	625	2231	68	65	4952	1233	74	748		9	10188
Female													
Sample Number	4	1	17	128	2	1	185	157	1	64	4	2	566
Percent	0.6	<0.1	2.4	12.1	0.2	0.1	22.5	10.5	<0.1	4.8	0.2	0.1	53.6
Std. Error	0.3		0.6	1.2	0.2		1.5	1.0		0.7	0.1	0.1	1.8
Number	130	9	528	2652	41	32	4944	2304	9	1044	36	18	11747
All Fish													
Sample Number	8	7	37	225	7	3	371	234	4	108	4	3	1011
Percent	1.1	0.4	5.3	22.3	0.5	0.4	45.1	16.1	0.4	8.2	0.2	0.1	100.0
Std. Error	0.4	0.2	0.8	1.5	0.2	0.3	1.8	1.2	0.2	0.9	0.1	0.1	
Number	236	86	1153	4883	109	97	9896	3537	83	1792	36	27	21935

Appendix Table 34. Length composition of the District 113 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class											
		1982		1981			1980			1979			1978
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4
Statistical Weeks 29 - 30 (July 14 - 27)													
Male	Avg. Length	491.7	360.0	563.7	499.6	405.0	555.0	579.4	509.1	562.5	561.3		
	Std. Error	31.8		5.2	5.9		30.0	3.0	7.0	12.5	12.8		
	Sample Size	3	1	19	58	1	2	140	23	2	15		
Female	Avg. Length	470.0		543.1	474.6	405.0	570.0	546.4	490.7		560.0		
	Std. Error	8.9		5.3	11.6			6.2	6.3		5.4		
	Sample Size	4		16	64	1	1	140	38		20		
All Fish	Avg. Length	479.3	360.0	554.3	486.5	405.0	560.0	562.9	497.6	562.5	560.6		
	Std. Error	13.6		4.0	6.8		18.0	3.6	4.8	12.5	6.2		
	Sample Size	7	1	35	122	2	3	280	61	2	35		
Statistical Weeks 31 - 37 (July 28 - September 14)													
Male	Avg. Length	455.0	358.0	550.0	488.1	385.0		560.2	496.5	575.0	553.6		580.0
	Std. Error		7.7		4.7	15.1		4.0	4.4		6.8		
	Sample Size	1	5	1	39	4		46	54	1	29		1
Female	Avg. Length		345.0	545.0	477.0	475.0		549.1	478.9	435.0	556.8	473.8	565.0
	Std. Error				3.6			3.5	3.2		5.0	15.6	5.0
	Sample Size		1	1	64	1		45	119	1	44	4	2
All Fish	Avg. Length	455.0	355.8	547.5	481.2	403.0		554.7	484.4	505.0	555.5	473.8	570.0
	Std. Error		6.6	2.5	2.9	21.5		2.7	2.6	70.0	4.0	15.6	5.8
	Sample Size	1	6	2	103	5		91	173	2	73	4	3
Combined Periods (Unweighted)													
Male	Avg. Length	482.5	358.3	563.0	494.9	389.0	555.0	574.6	500.3	566.7	556.3		580.0
	Std. Error	24.3	6.3	5.0	4.0	12.4	30.0	2.5	3.8	8.3	6.2		
	Sample Size	4	6	20	97	5	2	186	77	3	44		1
Female	Avg. Length	470.0	345.0	543.2	475.8	440.0	570.0	547.1	481.8	435.0	557.8	473.8	565.0
	Std. Error	8.9		4.9	6.0	35.0		4.8	2.9		3.8	15.6	5.0
	Sample Size	4	1	17	128	2	1	185	157	1	64	4	2
All Fish	Avg. Length	476.3	356.4	553.9	484.0	403.6	560.0	560.9	487.9	533.8	557.2	473.8	570.0
	Std. Error	12.2	5.6	3.8	3.9	14.8	18.0	2.8	2.3	33.4	3.4	15.6	5.8
	Sample Size	8	7	37	225	7	3	371	234	4	108	4	3

Appendix Table 35. District 113-34 (Necker Bay) purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985¹.

Brood Year and Age Class				

	1981	1980	1979	

	1.2	2.2	3.2	Total

Statistical Week	29	(July 14 - 20)		
All Fish				
Sample Number	39	288	35	362
Percent	10.8	79.5	9.7	100.0
Std. Error	1.6	2.1	1.6	
Number	253	1868	227	2348

1/ Sex data not available

Appendix Table 36. Length composition of the District 113-34 (Necker Bay) purse seine catch of sockeye salmon, by age class and fishing period, Southeastern Alaska, 1985¹.

		Brood Year and Age Class		
		1981	1980	1979
		1.2	2.2	3.2
Statistical Week	29 (July 14 - 20)			
All Fish	Avg. Length	440.5	437.3	432.6
	Std. Error	3.4	0.9	2.1
	Sample Size	39	288	35

1/ Sex data not available.

Appendix Table 37. District 114-27, 114-40, and 114-50 purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985¹.

Brood Year and Age Class											
	1982		1981		1980			1979		1978	
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total	
Statistical Weeks	29	-	34	(July 14 - August 24)							
Male											
Sample Number	3	20	34	3	153	16	3	20	2	254	
Percent	0.5	3.6	6.2	0.5	27.6	2.9	0.5	3.6	0.4	45.8	
Std. Error	0.3	0.8	1.0	0.3	1.9	0.7	0.3	0.8	0.3	2.1	
Number	15	98	167	15	749	77	15	98	10	1244	
Female											
Sample Number		33	38	1	188	26	1	14		301	
Percent		5.9	6.8	0.2	33.9	4.7	0.2	2.5		54.2	
Std. Error		1.0	1.1		2.0	0.9		0.7		2.1	
Number		162	186	5	921	127	5	69		1475	
All Fish											
Sample Number	3	53	72	4	341	42	4	34	2	555	
Percent	0.5	9.5	13.0	0.7	61.4	7.6	0.7	6.1	0.4	100.0	
Std. Error	0.3	1.2	1.4	0.4	2.1	1.1	0.4	1.0	0.3		
Number	15	260	353	20	1670	204	20	167	10	2719	

Appendix Table 38. Length composition of the District 114-27, 114-40, and 114-50 purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class								
		1982	1981		1980			1979		1978
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4
Statistical Weeks 29 - 34 (July 14 - August 24)										
Male	Avg. Length	491.7	573.3	494.6	608.3	585.2	540.0	603.3	579.3	532.5
	Std. Error	16.9	7.5	4.6	9.3	2.5	10.1	1.7	7.9	62.5
	Sample Size	3	20	34	3	153	16	3	20	2
Female	Avg. Length		547.1	496.2	540.0	563.8	510.6	550.0	571.8	
	Std. Error		4.6	6.4		1.8	4.5		5.4	
	Sample Size		33	38	1	188	26	1	14	
All Fish	Avg. Length	491.7	557.0	495.4	591.3	573.4	521.8	590.0	576.2	532.5
	Std. Error	16.9	4.4	4.0	18.3	1.6	5.2	13.4	5.1	62.5
	Sample Size	3	53	72	4	341	42	4	34	2

Appendix Table 39. District 114-80 (Excursion Inlet) purse seine catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class							

	1981		1980		1979		
	0.3	1.2	1.3	2.2	2.3	3.2	Total

Statistical Weeks	34	- 36	(August 18 - September 7)				
Male							
Sample Number	1	1	10	13	22	1	48
Percent	0.9	0.9	9.4	12.3	20.8	0.9	45.3
Std. Error			2.9	3.2	4.0		4.9
Number	9	9	86	112	191	9	416
Female							
Sample Number			6	21	31		58
Percent			5.7	19.8	29.2		54.7
Std. Error			2.3	3.9	4.4		4.9
Number			52	182	269		503
All Fish							
Sample Number	1	1	16	34	53	1	106
Percent	0.9	0.9	15.1	32.1	50.0	0.9	100.0
Std. Error			3.5	4.6	4.9		
Number	9	9	138	294	460	9	919

Appendix Table 40. Length composition of the District 114-80 (Excursion Inlet) purse seine catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class					
		1981		1980		1979	
		0.3	1.2	1.3	2.2	2.3	3.2
Statistical Weeks 34 - 36 (August 18 - September 7)							
Male	Avg. Length	575.0	500.0	577.0	525.4	610.2	580.0
	Std. Error			10.1	8.8	6.2	
	Sample Size	1	1	10	13	22	1
Female	Avg. Length			571.7	533.1	586.9	
	Std. Error			8.1	5.9	4.5	
	Sample Size			6	21	31	
All Fish	Avg. Length	575.0	500.0	575.0	530.1	596.6	580.0
	Std. Error			6.9	4.9	4.0	
	Sample Size	1	1	16	34	53	1

Appendix Table 41. District 106-41 (Sumner Strait) gillnet test fish catch of sockeye salmon, sex, and age class by fishing period, Southeastern Alaska, 1985.

Brood Year and Age Class											
	1982	1981			1980		1979		1978		
	0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	2.4	3.3	Total
Statistical Week	24 (June 9 - 15)										
Male											
Sample Number		1	5		68	1		14			89
Percent		0.5	2.3		31.3	0.5		6.5			41.0
Std. Error			1.0		3.2			1.7			3.3
Female											
Sample Number		1	2		100	2		23			128
Percent		0.5	0.9		46.1	0.9		10.6			59.0
Std. Error			0.7		3.4	0.7		2.1			3.3
All Fish											
Sample Number		2	7		168	3		37			217
Percent		0.9	3.2		77.4	1.4		17.1			100.0
Std. Error		0.7	1.2		2.8	0.8		2.6			
Statistical Week	25 (June 16 - 22)										
Male											
Sample Number		2	9		194	9	1	39			254
Percent		0.4	1.6		34.8	1.6	0.2	7.0			45.5
Std. Error		0.3	0.5		2.0	0.5		1.1			2.1
Female											
Sample Number			4		238	3		58		1	304
Percent			0.7		42.7	0.5		10.4		0.2	54.5
Std. Error			0.4		2.1	0.3		1.3			2.1
All Fish											
Sample Number		2	13		432	12	1	97		1	558
Percent		0.4	2.3		77.4	2.2	0.2	17.4		0.2	100.0
Std. Error		0.3	0.6		1.8	0.6		1.6			
Statistical Week	26 (June 23 - 29)										
Male											
Sample Number		3	14		150	9		40			216
Percent		0.6	2.8		30.2	1.8		8.0			43.5
Std. Error		0.3	0.7		2.1	0.6		1.2			2.2
Female											
Sample Number		2	17		209	9	1	42	1		281
Percent		0.4	3.4		42.1	1.8	0.2	8.5	0.2		56.5
Std. Error		0.3	0.8		2.2	0.6		1.2			2.2
All Fish											
Sample Number		5	31		359	18	1	82	1		497
Percent		1.0	6.2		72.2	3.6	0.2	16.5	0.2		100.0
Std. Error		0.4	1.1		2.0	0.8		1.7			
Statistical Week	27 (June 30 - July 6)										
Male											
Sample Number			14		130	10	2	37			193
Percent			2.6		24.3	1.9	0.4	6.9			36.1
Std. Error			0.7		1.9	0.6	0.3	1.1			2.1
Female											
Sample Number		2	8	1	283	6		41			341
Percent		0.4	1.5	0.2	53.0	1.1		7.7			63.9
Std. Error		0.3	0.5		2.2	0.5		1.2			2.1
All Fish											
Sample Number		2	22	1	413	16	2	78			534
Percent		0.4	4.1	0.2	77.3	3.0	0.4	14.6			100.0
Std. Error		0.3	0.9		1.8	0.7	0.3	1.5			

-Continued-

Appendix Table 41. District 106-41 (Sumner Strait) gillnet test fish catch of sockeye salmon, sex, and age class by fishing period, Southeastern Alaska, 1985 (continued).

Brood Year and Age Class												
		1982		1981		1980		1979		1978		
		0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	2.4	3.3	Total
Statistical Week	28	(July 7 - 13)										
Male												
Sample Number			1	28		198	13		21			261
Percent			0.2	4.8		34.1	2.2		3.6			45.0
Std. Error				0.9		2.0	0.6		0.8			2.1
Female												
Sample Number			5	12		268	15		19			319
Percent			0.9	2.1		46.2	2.6		3.3			55.0
Std. Error			0.4	0.6		2.1	0.7		0.7			2.1
All Fish												
Sample Number			6	40		466	28		40			580
Percent			1.0	6.9		80.3	4.8		6.9			100.0
Std. Error			0.4	1.1		1.7	0.9		1.1			
Statistical Week	29	(July 14 - 20)										
Male												
Sample Number			1	34		199	10	1	30			275
Percent			0.2	5.3		31.3	1.6	0.2	4.7			43.2
Std. Error				0.9		1.8	0.5		0.8			2.0
Female												
Sample Number	1			19		287	15		39			361
Percent	0.2			3.0		45.1	2.4		6.1			56.8
Std. Error				0.7		2.0	0.6		1.0			2.0
All Fish												
Sample Number	1	1		53		486	25	1	69			636
Percent	0.2	0.2		8.3		76.4	3.9	0.2	10.8			100.0
Std. Error				1.1		1.7	0.8		1.2			
Statistical Week	30	(July 21 - 27)										
Male												
Sample Number				7		77	6	1	5			96
Percent				1.9		20.5	1.6	0.3	1.3			25.6
Std. Error				0.7		2.1	0.6		0.6			2.3
Female												
Sample Number			2	9		239	11	1	17			279
Percent			0.5	2.4		63.7	2.9	0.3	4.5			74.4
Std. Error			0.4	0.8		2.5	0.9		1.1			2.3
All Fish												
Sample Number			2	16		316	17	2	22			375
Percent			0.5	4.3		84.3	4.5	0.5	5.9			100.0
Std. Error			0.4	1.0		1.9	1.1	0.4	1.2			
Combined Periods (Percentages are weighted by period catches)												
Male												
Sample Number			8	111		1016	58	5	186			1384
Percent			0.3	3.1		29.5	1.6	0.1	5.4			40.0
Std. Error			0.1	0.3		0.8	0.2	0.1	0.4			0.9
Female												
Sample Number	1	12		71	1	1624	61	2	239	1	1	2013
Percent	<0.1	0.4		2.0	<0.1	48.4	1.8	0.1	7.3	<0.1	<0.1	60.0
Std. Error		0.1		0.2		0.9	0.2	<0.1	0.5			0.9
All Fish												
Sample Number	1	20		182	1	2640	119	7	425	1	1	3397
Percent	<0.1	0.6		5.1	<0.1	77.9	3.3	0.2	12.7	<0.1	<0.1	100.0
Std. Error		0.1		0.4		0.8	0.3	0.1	0.6			

Appendix Table 42. Length composition of the District 106-41 (Sumner Strait) gillnet test fish catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class									
		1982	1981		1980		1979		1978		
		0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	2.4	3.3
Statistical Week 24 (June 9 - 15)											
Male	Avg. Length		580.0	514.0		584.5	520.0		586.4		
	Std. Error			7.0		2.9			8.1		
	Sample Size		1	5		68	1		14		
Female	Avg. Length		530.0	515.0		567.7	550.0		567.0		
	Std. Error			20.0		2.1	40.0		3.8		
	Sample Size		1	2		100	2		23		
All Fish	Avg. Length		555.0	514.3		574.5	540.0		574.3		
	Std. Error		25.0	6.5		1.8	25.2		4.1		
	Sample Size		2	7		168	3		37		
Statistical Week 25 (June 16 - 22)											
Male	Avg. Length		575.0	492.8		578.7	534.4	630.0	577.4		
	Std. Error		5.0	10.4		1.7	14.1		4.0		
	Sample Size		2	9		194	9	1	39		
Female	Avg. Length			526.3		562.4	530.0		567.0		555.0
	Std. Error			9.4		1.5	8.7		3.5		
	Sample Size			4		238	3		58		1
All Fish	Avg. Length		575.0	503.1		569.7	533.3	630.0	571.2		555.0
	Std. Error		5.0	8.8		1.2	10.6		2.7		
	Sample Size		2	13		432	12	1	97		1
Statistical Week 26 (June 23 - 29)											
Male	Avg. Length		561.7	520.7		574.9	533.3		567.1		
	Std. Error		14.8	5.7		1.9	13.5		4.2		
	Sample Size		3	14		150	9		40		
Female	Avg. Length		542.5	525.6		561.2	515.6	595.0	561.1	570.0	
	Std. Error		17.5	5.4		1.8	5.6		3.1		
	Sample Size		2	17		209	9	1	42	1	
All Fish	Avg. Length		554.0	523.4		567.0	524.4	595.0	564.0	570.0	
	Std. Error		10.9	3.9		1.4	7.4		2.6		
	Sample Size		5	31		359	18	1	82	1	
Statistical Week 27 (June 30 - July 6)											
Male	Avg. Length			524.3		580.9	529.0	585.0	580.7		
	Std. Error			7.3		2.1	8.6		5.5		
	Sample Size			14		130	10	2	37		
Female	Avg. Length		570.0	516.9	345.0	564.8	522.5		566.2		
	Std. Error		10.0	6.2		1.3	6.6		3.5		
	Sample Size		2	8	1	283	6		41		
All Fish	Avg. Length		570.0	521.6	345.0	569.9	526.6	585.0	573.1		
	Std. Error		10.0	5.1		1.2	5.8		3.3		
	Sample Size		2	22	1	413	16	2	78		
Statistical Week 28 (July 7 - 13)											
Male	Avg. Length		595.0	540.4		575.7	553.5		582.6		
	Std. Error			6.7		2.0	9.3		8.3		
	Sample Size		1	28		197	13		21		
Female	Avg. Length		553.0	551.3		560.0	544.0		568.7		
	Std. Error		13.7	9.1		1.5	6.4		5.8		
	Sample Size		5	12		268	15		19		
All Fish	Avg. Length		560.0	543.6		566.7	548.4		576.0		
	Std. Error		13.2	5.4		1.2	5.5		5.2		
	Sample Size		6	40		465	28		40		
Statistical Week 29 (July 14 - 20)											
Male	Avg. Length		535.0	522.6		584.3	545.0	600.0	598.2		
	Std. Error			5.6		1.8	9.3		4.3		
	Sample Size		1	34		199	10	1	30		
Female	Avg. Length	505.0		518.2		569.0	525.3		571.4		
	Std. Error			4.7		1.1	7.5		3.4		
	Sample Size	1		19		287	15		39		
All Fish	Avg. Length	505.0	535.0	521.0		575.2	533.2	600.0	583.0		
	Std. Error			4.0		1.0	6.1		3.1		
	Sample Size	1	1	53		486	25	1	69		
Statistical Week 30 (July 21 - 27)											
Male	Avg. Length			508.6		579.6	531.7	630.0	553.0		
	Std. Error			4.7		2.6	8.3		28.7		
	Sample Size			7		77	6	1	5		
Female	Avg. Length		560.0	506.7		565.4	536.4	560.0	563.8		
	Std. Error		10.0	7.4		1.5	11.7		5.2		
	Sample Size		2	9		239	11	1	17		
All Fish	Avg. Length		560.0	507.5		568.9	534.7	595.0	561.3		
	Std. Error		10.0	4.5		1.4	8.0	35.0	7.2		
	Sample Size		2	16		316	17	2	22		
Combined Periods (Unweighted)											
Male	Avg. Length		568.1	523.4		579.4	538.9	606.0	579.8		
	Std. Error		8.0	3.0		0.8	4.4	10.2	2.3		
	Sample Size		8	111		1015	58	5	186		
Female	Avg. Length	505.0	553.3	524.3	345.0	564.2	531.2	577.5	566.4	570.0	555.0
	Std. Error		6.8	3.1		0.6	3.7	17.5	1.5		
	Sample Size	1	12	71	1	1624	61	2	239	1	1
All Fish	Avg. Length	505.0	559.3	523.7	345.0	570.0	535.0	597.9	572.3	570.0	555.0
	Std. Error		5.3	2.2		0.5	2.8	9.6	1.3		
	Sample Size	1	20	182	1	2639	119	7	425	1	1

Appendix Table 43. District 108 gillnet test fish catch of sockeye salmon, sex and age class by fishing period, Southeastern Alaska, 1985.

	Brood Year and Age Class							Total
	1981		1980			1979		
	0.3	1.2	0.4	1.3	2.2	1.4	2.3	
Statistical Weeks	24	- 25	(June 9 - 22) 1/					
Male								
Sample Number	1			40			1	42
Percent	1.2			49.4			1.2	51.9
Std. Error				5.6				5.6
Female								
Sample Number	2			35			2	39
Percent	2.5			43.2			2.5	48.1
Std. Error	1.7			5.5			1.7	5.6
All Fish 2/								
Sample Number	3			76			3	82
Percent	3.7			92.7			3.7	100.0
Std. Error	2.1			2.9			2.1	
Statistical Week	26	(June 23 - 29)						
Male								
Sample Number	6	1		68			3	79
Percent	4.0	0.7		45.0		0.7	2.0	52.3
Std. Error	1.6			4.1			1.1	4.1
Female								
Sample Number	3			65			4	72
Percent	2.0			43.0			2.6	47.7
Std. Error	1.1			4.0			1.3	4.1
All Fish								
Sample Number	9	1		133			7	151
Percent	6.0	0.7		88.1		0.7	4.6	100.0
Std. Error	1.9			2.6			1.7	
Statistical Week	27	(June 30 - July 6)						
Male								
Sample Number	4	1		72			3	81
Percent	1.3	0.3		24.0		0.3	1.0	27.0
Std. Error	0.7			2.5			0.6	2.6
Female								
Sample Number	4	4		201			10	219
Percent	1.3	1.3		67.0			3.3	73.0
Std. Error	0.7	0.7		2.7			1.0	2.6
All Fish								
Sample Number	8	5		273			13	300
Percent	2.7	1.7		91.0		0.3	4.3	100.0
Std. Error	0.9	0.7		1.7			1.2	
Statistical Week	28	(July 7 - 13)						
Male								
Sample Number	4	4		123	1			132
Percent	1.4	1.4		42.4	0.3			45.5
Std. Error	0.7	0.7		2.9				2.9
Female								
Sample Number	10	3	1	142	1		1	158
Percent	3.4	1.0	0.3	49.0	0.3		0.3	54.5
Std. Error	1.1	0.6		2.9				2.9
All Fish 2/								
Sample Number	14	7	1	266	2		1	291
Percent	4.8	2.4	0.3	91.4	0.7		0.3	100.0
Std. Error	1.3	0.9		1.6	0.5			
Statistical Weeks	29	- 30	(July 14 - 27) 3/					
Male								
Sample Number	6	5	2	90	5		2	110
Percent	2.4	2.0	0.8	35.6	2.0		0.8	43.5
Std. Error	1.0	0.9	0.6	3.0	0.9		0.6	3.1
Female								
Sample Number	11	3	1	123			5	143
Percent	4.3	1.2	0.4	48.6			2.0	56.5
Std. Error	1.3	0.7		3.1			0.9	3.1
All Fish								
Sample Number	17	8	3	213	5		7	253
Percent	6.7	3.2	1.2	84.2	2.0		2.8	100.0
Std. Error	1.6	1.1	0.7	2.3	0.9		1.0	
Combined Periods (Percentages are weighted by period catches)								
Male								
Sample Number	21	11	2	393	6	2	9	444
Percent	2.1	0.9	0.2	39.3	0.5	0.2	1.0	44.0
Std. Error	0.5	0.3	0.1	1.7	0.2	0.1	0.4	1.7
Female								
Sample Number	30	10	2	566	1		22	631
Percent	2.7	0.7	0.1	50.2	0.1		2.2	56.0
Std. Error	0.5	0.2	0.1	1.7			0.5	1.7
All Fish 2/								
Sample Number	51	21	4	961	7	2	31	1077
Percent	4.8	1.6	0.3	89.5	0.5	0.2	3.1	100.0
Std. Error	0.7	0.3	0.2	1.0	0.2	0.1	0.6	

1/ Includes 5 fish from statistical week 24.

2/ Includes unsexed fish totals.

3/ Includes 18 fish from statistical week 30.

Appendix Table 44. Length composition of the District 108 gillnet test fish catch of sockeye salmon by sex, age class, and fishing period, Southeastern Alaska, 1985.

		Brood Year and Age Class						
		1981		1980			1979	
		0.3	1.2	0.4	1.3	2.2	1.4	2.3
Statistical Weeks	24 - 25	(June 9 - 22) 1/						
Male	Avg. Length	610.0			587.6			555.0
	Std. Error				4.8			
	Sample Size	1			40			1
Female	Avg. Length	567.5			566.4			580.0
	Std. Error	37.5			3.4			30.0
	Sample Size	2			35			2
All Fish 2/	Avg. Length	581.7			577.7			571.7
	Std. Error	25.9			3.2			19.2
	Sample Size	3			76			3
Statistical Week	26	(June 23 - 29)						
Male	Avg. Length	591.7	520.0		588.8		605.0	600.0
	Std. Error	6.3			2.3			15.3
	Sample Size	6	1		68		1	3
Female	Avg. Length	571.7			564.7			573.8
	Std. Error	8.3			3.0			4.3
	Sample Size	3			65			4
All Fish	Avg. Length	585.0	520.0		577.0		605.0	585.0
	Std. Error	5.8			2.1			8.2
	Sample Size	9	1		133		1	7
Statistical Week	27	(June 30 - July 6)						
Male	Avg. Length	596.3	505.0		594.9		625.0	578.3
	Std. Error	9.4			2.5			10.1
	Sample Size	4	1		71		1	3
Female	Avg. Length	565.0	514.3		577.4			580.5
	Std. Error	14.4	18.3		1.7			8.7
	Sample Size	4	4		200			10
All Fish	Avg. Length	580.6	512.4		581.9		625.0	580.0
	Std. Error	9.9	14.3		1.5			6.9
	Sample Size	8	5		271		1	13
Statistical Week	28	(July 7 - 13)						
Male	Avg. Length	580.0	546.3		596.5	500.0		
	Std. Error	15.1	34.7		2.3			
	Sample Size	4	4		123	1		
Female	Avg. Length	567.0	526.7	575.0	575.0	520.0		585.0
	Std. Error	6.0	4.4		1.8			
	Sample Size	10	3	1	141	1		1
All Fish 2/	Avg. Length	570.7	537.9	575.0	585.0	510.0		585.0
	Std. Error	6.0	19.1		1.6	10.0		
	Sample Size	14	7	1	265	2		1
Statistical Weeks	29 - 30	(July 14 - 27) 3/						
Male	Avg. Length	585.8	520.0	610.0	596.4	532.0		595.0
	Std. Error	9.0	10.6	10.0	2.2	13.2		5.0
	Sample Size	6	5	2	90	5		2
Female	Avg. Length	571.4	508.7	650.0	574.3			575.0
	Std. Error	6.5	5.9		1.6			7.6
	Sample Size	11	3	1	123			5
All Fish	Avg. Length	576.5	515.8	623.3	583.7	532.0		580.7
	Std. Error	5.4	6.9	14.5	1.5	13.2		6.5
	Sample Size	17	8	3	213	5		7
Combined Periods (Unweighted)								
Male	Avg. Length	589.5	528.2	610.0	594.0	526.7	615.0	586.7
	Std. Error	4.5	13.1	10.0	1.2	12.0	10.0	7.4
	Sample Size	21	11	2	392	6	2	9
Female	Avg. Length	568.8	516.3	612.5	574.0	520.0		578.2
	Std. Error	4.0	7.4	37.5	0.9			4.7
	Sample Size	30	10	2	564	1		22
All Fish 2/	Avg. Length	577.4	522.5	611.3	582.2	525.7	615.0	580.6
	Std. Error	3.3	7.6	15.9	0.8	10.2	10.0	4.0
	Sample Size	51	21	4	958	7	2	31

1/ Includes 5 fish from statistical week 24.

2/ Includes unsexed fish totals.

3/ Includes 18 fish from statistical week 30.

Appendix Table 45. Hugh Smith Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class								
	1981		1980		1979		1978	
	1.2	2.1	1.3	2.2	1.4	2.3	2.4	3.3
Escapement Dates:	(June 5 - August 12)							
Sample Dates:	(June 19 - August 12)							
Male								
Sample Number	8		191			16		215
Percent	1.5		36.1			3.0		40.6
Std. Error	0.5		2.1			0.7		2.1
Number	72		1725			145		1942
Female								
Sample Number	1		296	1	2	14		314
Percent	0.2		56.0	0.2	0.4	2.6		59.4
Std. Error			2.2		0.3	0.7		2.1
Number	9		2674	9	18	126		2836
All Fish 1/								
Sample Number	9		539	1	3	32		584
Percent	1.5		92.3	0.2	0.5	5.5		100.0
Std. Error	0.5		1.1		0.3	0.9		
Number	82		4870	9	27	289		5276
Escapement Dates:	(August 13 - October 29)							
Sample Dates:	(August 13 - September 26)							
Male								
Sample Number			124	2	3	111	1	6
Percent			21.2	0.3	0.5	18.9	0.2	1.0
Std. Error			1.7	0.2	0.3	1.6		0.4
Number			1472	24	36	1317	12	71
Female								
Sample Number	1	1	193	3		136	1	4
Percent	0.2	0.2	32.9	0.5		23.2	0.2	0.7
Std. Error			1.9	0.3		1.7		0.3
Number	12	12	2291	36		1615	12	47
All Fish								
Sample Number	1	1	317	5	3	247	2	10
Percent	0.2	0.2	54.1	0.9	0.5	42.2	0.3	1.7
Std. Error			2.1	0.4	0.3	2.0	0.2	0.5
Number	12	12	3763	60	36	2932	24	118
Combined Periods (Percentages are weighted by period escapements)								
Male								
Sample Number	8		315	2	3	127	1	6
Percent	0.6		27.3	0.2	0.3	12.4	0.1	0.6
Std. Error	0.2		1.3	0.1	0.2	1.0		0.2
Number	72		3197	24	36	1462	12	71
Female								
Sample Number	2	1	489	4	2	150	1	4
Percent	0.2	0.1	42.3	0.4	0.2	14.8	0.1	0.4
Std. Error	0.1		1.4	0.2	0.1	1.0		0.2
Number	21	12	4965	45	18	1741	12	47
All Fish 1/								
Sample Number	10	1	856	6	6	279	2	10
Percent	0.8	0.1	70.5	0.6	0.5	26.3	0.2	1.0
Std. Error	0.2		1.3	0.2	0.2	1.2	0.1	0.3
Number	93	12	8633	69	63	3221	24	118

1/ Includes unsexed fish totals.

Appendix Table 46. Length composition of the Hugh Smith Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class							
		1981		1980		1979		1978	
		1.2	2.1	1.3	2.2	1.4	2.3	2.4	3.3
Escapement Dates: (June 5 - August 12)									
Sample Dates: (June 19 - August 12)									
Male	Avg. Length	492.5		589.3			584.7		
	Std. Error	24.3		2.0			6.9		
	Sample Size	8		191			16		
Female	Avg. Length	470.0		572.6		632.5	573.9		
	Std. Error			1.4		2.5	5.1		
	Sample Size	1		296		2	14		
All Fish 1/	Avg. Length	490.0		578.5		633.3	579.1		
	Std. Error	21.6		1.1		1.7	4.3		
	Sample Size	9		539		3	32		
Escapement Dates: (August 13 - October 29)									
Sample Dates: (August 13 - September 26)									
Male	Avg. Length			585.7	435.0	626.7	592.0	540.0	615.8
	Std. Error			2.5	35.0	1.7	2.6		13.5
	Sample Size			124	2	3	111	1	6
Female	Avg. Length	490.0	410.0	574.4	516.7		582.5	575.0	571.3
	Std. Error			1.5	13.0		1.9		16.6
	Sample Size	1	1	193	3		136	1	4
All Fish	Avg. Length	490.0	410.0	578.8	484.0	626.7	586.7	557.5	598.0
	Std. Error			1.4	23.9	1.7	1.6	17.5	12.3
	Sample Size	1	1	317	5	3	247	2	10
Combined Periods (Unweighted)									
Male	Avg. Length	492.5		587.9	435.0	626.7	591.1	540.0	615.8
	Std. Error	24.3		1.6	35.0	1.7	2.4		13.5
	Sample Size	8		315	2	3	127	1	6
Female	Avg. Length	480.0	410.0	573.3	516.7	632.5	581.7	575.0	571.3
	Std. Error	10.0		1.0	13.0	2.5	1.8		16.6
	Sample Size	2	1	489	3	2	150	1	4
All Fish 1/	Avg. Length	490.0	410.0	578.6	484.0	630.0	585.9	557.5	598.0
	Std. Error	19.3		0.9	23.9	1.8	1.5	17.5	12.3
	Sample Size	10	1	856	5	6	279	2	10

1/ Includes unsexed fish totals.

Appendix Table 47. Daily and cumulative sockeye salmon weir counts from Hugh Smith Lake weir, 1985.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 5	1	1	.00	.00
June 6	1	2	.00	.00
June 7	0	2	0.00	.00
June 8	1	3	.00	.00
June 9	0	3	0.00	.00
June 10	3	6	.00	.00
June 11	3	9	.00	.00
June 12	0	9	0.00	.00
June 13	0	9	0.00	.00
June 14	0	9	0.00	.00
June 15	1	10	.00	.00
June 16	7	17	.00	.00
June 17	2	19	.00	.00
June 18	2	21	.00	.00
June 19	2	23	.00	.00
June 20	4	27	.00	.00
June 21	10	37	.00	.00
June 22	31	68	.00	0.01
June 23	20	88	.00	0.01
June 24	25	113	.00	0.01
June 25	21	134	.00	0.01
June 26	27	161	.00	0.01
June 27	1	162	.00	0.01
June 28	7	169	.00	0.01
June 29	15	184	.00	0.02
June 30	41	225	.00	0.02
July 1	37	262	.00	0.02
July 2	137	399	0.01	0.03
July 3	81	480	0.01	0.04
July 4	53	533	.00	0.04
July 5	49	582	.00	0.05
July 6	50	632	.00	0.05
July 7	16	648	.00	0.05
July 8	107	755	0.01	0.06
July 9	61	816	.00	0.07
July 10	129	945	0.01	0.08
July 11	68	1013	0.01	0.08
July 12	252	1265	0.02	0.10
July 13	304	1569	0.02	0.13
July 14	193	1762	0.02	0.14
July 15	149	1911	0.01	0.16
July 16	60	1971	.00	0.16
July 17	109	2080	0.01	0.17
July 18	122	2202	0.01	0.18
July 19	47	2249	.00	0.18
July 20	35	2284	.00	0.19
July 21	146	2430	0.01	0.20
July 22	136	2566	0.01	0.21
July 23	101	2667	0.01	0.22

-Continued-

Appendix Table 47. Daily and cumulative sockeye salmon weir counts from Hugh Smith Lake weir, 1985 (continued).

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July	24	267	2934	0.02	0.24
July	25	112	3046	0.01	0.25
July	26	219	3265	0.02	0.27
July	27	81	3346	0.01	0.27
July	28	23	3369	.00	0.28
July	29	67	3436	0.01	0.28
July	30	142	3578	0.01	0.29
July	31	59	3637	.00	0.30
August	1	218	3855	0.02	0.32
August	2	22	3877	.00	0.32
August	3	8	3885	.00	0.32
August	4	73	3958	0.01	0.32
August	5	266	4224	0.02	0.35
August	6	73	4297	0.01	0.35
August	7	435	4732	0.04	0.39
August	8	200	4932	0.02	0.40
August	9	216	5148	0.02	0.42
August	10	39	5187	.00	0.42
August	11	40	5227	.00	0.43
August	12	49	5276	.00	0.43
August	13	94	5370	0.01	0.44
August	14	49	5419	.00	0.44
August	15	83	5502	0.01	0.45
August	16	71	5573	0.01	0.46
August	17	146	5719	0.01	0.47
August	18	63	5782	0.01	0.47
August	19	12	5794	.00	0.47
August	20	52	5846	.00	0.48
August	21	79	5925	0.01	0.48
August	22	163	6088	0.01	0.50
August	23	26	6114	.00	0.50
August	24	43	6157	.00	0.50
August	25	297	6454	0.02	0.53
August	26	140	6594	0.01	0.54
August	27	59	6653	.00	0.54
August	28	50	6703	.00	0.55
August	29	532	7235	0.04	0.59
August	30	455	7690	0.04	0.63
August	31	754	8444	0.06	0.69
September	1	343	8787	0.03	0.72
September	2	393	9180	0.03	0.75
September	3	250	9430	0.02	0.77
September	4	517	9947	0.04	0.81
September	5	166	10113	0.01	0.83
September	6	383	10496	0.03	0.86
September	7	98	10594	0.01	0.87
September	8	109	10703	0.01	0.87
September	9	44	10747	.00	0.88
September	10	96	10843	0.01	0.89

-Continued-

Appendix Table 47. Daily and cumulative sockeye salmon weir counts from Hugh Smith Lake weir, 1985 (continued).

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
September 11	105	10948	0.01	0.89
September 12	44	10992	.00	0.90
September 13	25	11017	.00	0.90
September 14	21	11038	.00	0.90
September 15	70	11108	0.01	0.91
September 16	309	11417	0.03	0.93
September 17	4	11421	.00	0.93
September 18	13	11434	.00	0.93
September 19	7	11441	.00	0.94
September 20	499	11940	0.04	0.98
September 21	34	11974	.00	0.98
September 22	7	11981	.00	0.98
September 23	10	11991	.00	0.98
September 24	13	12004	.00	0.98
September 25	4	12008	.00	0.98
September 26	15	12023	.00	0.98
September 27	4	12027	.00	0.98
September 28	14	12041	.00	0.98
September 29	11	12052	.00	0.99
September 30	2	12054	.00	0.99
October 1	1	12055	.00	0.99
October 2	5	12060	.00	0.99
October 3	5	12065	.00	0.99
October 4	3	12068	.00	0.99
October 5	5	12073	.00	0.99
October 6	8	12081	.00	0.99
October 7	4	12085	.00	0.99
October 8	1	12086	.00	0.99
October 9	2	12088	.00	0.99
October 10	11	12099	.00	0.99
October 11	48	12147	.00	0.99
October 12	43	12190	.00	1.00
October 13	30	12220	.00	1.00
October 14	2	12222	.00	1.00
October 15	3	12225	.00	1.00
October 16	0	12225	0.00	1.00
October 17	0	12225	0.00	1.00
October 18	2	12227	.00	1.00
October 19	0	12227	0.00	1.00
October 20	0	12227	0.00	1.00
October 21	4	12231	.00	1.00
October 22	0	12231	0.00	1.00
October 23	0	12231	0.00	1.00
October 24	1	12232	.00	1.00
October 25	0	12232	0.00	1.00
October 26	0	12232	0.00	1.00
October 27	0	12232	0.00	1.00
October 28	0	12232	0.00	1.00
October 29	1	12233	.00	1.00
Mean Day of Migration = August 16			Variance = 596.97 Days squared	

Appendix Table 48. Leask Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class					

	1981	1980		1979	

	2.1	1.3	2.2	2.3	Total

Sample Dates:	(October 1)				
Male					
Sample Number		1	3	1	5
Percent		2.9	8.5	2.9	14.3
Std. Error		2.9	4.8	2.9	6.0
Female					
Sample Number	1	3	15	11	30
Percent	2.9	8.5	42.9	31.4	85.7
Std. Error	2.9	4.8	8.5	8.0	6.0
All Fish					
Sample Number	1	4	18	12	35
Percent	2.9	11.4	51.4	34.3	
Std. Error	2.9	5.5	8.6	8.1	

Appendix Table 49. Length composition of the Leask Lake escapement of sockeye salmon, by sex, age class, and escapement period, 1985.

		Brood Year and Age Class			
		1981	1980		1979
		2.1	1.3	2.2	2.3
Sample Dates: (October 1)					
Male	Avg. Length		540.0	473.3	525.0
	Std. Error			4.4	
	Sample Size		1	3	1
Female	Avg. Length	360.0	516.7	471.0	520.0
	Std. Error		8.8	3.8	6.6
	Sample Size	1	3	15	11
All Fish	Avg. Length	360.0	522.5	471.4	520.4
	Std. Error		8.5	3.2	6.0
	Sample Size	1	4	18	12

Appendix Table 50. McDonald Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class						

	1981	1980		1979	1978	
	1.2	1.3	2.2	2.3	3.3	Total

Sample Dates:	(September 17 - 20)					
Male						
Sample Number	21	299	43	60	1	424
Percent	3.9	55.7	8.0	11.2	0.2	79.0
Std. Error	0.8	2.1	1.2	1.4	0.2	1.8
Female						
Sample Number	4	89	4	16		113
Percent	0.7	16.6	0.7	3.0		21.0
Std. Error	0.4	1.6	0.4	0.7		1.8
All Fish						
Sample Number	25	388	47	76	1	537
Percent	4.6	72.3	8.7	14.2	0.2	
Std. Error	0.9	1.9	1.2	1.5	0.2	

Appendix Table 51. Length composition of the McDonald Lake escapement of sockeye salmon, by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1981	1980		1979	1978
		1.2	1.3	2.2	2.3	3.3
Sample Dates: (September 17 - 20)						
Male	Avg. Length	497.1	575.6	490.3	574.6	585.0
	Std. Error	6.2	1.3	5.2	3.3	
	Sample Size	21	299	43	60	1
Female	Avg. Length	510.0	558.0	483.8	562.5	
	Std. Error	6.1	2.1	12.8	5.1	
	Sample Size	4	89	4	16	
All Fish	Avg. Length	499.2	571.6	489.8	572.0	585.0
	Std. Error	5.3	1.2	4.8	2.8	
	Sample Size	25	388	47	76	1

Appendix Table 52. Heckman Lake (Naha) escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class						

	1982	1981	1980		1979	

	1.1	1.2	1.3	2.2	2.3	Total

Sample Dates:	(September 10 - 12)					
Male						
Sample Number	3	15	239	1	1	259
Percent	0.7	3.7	59.0	0.3	0.3	64.0
Std. Error	0.4	0.9	2.4	0.3	0.3	2.4
Female						
Sample Number		9	137			146
Percent		2.2	33.8			36.0
Std. Error		0.7	2.4			2.4
All Fish						
Sample Number	3	24	376	1	1	405
Percent	0.7	5.9	92.8	0.3	0.3	
Std. Error	0.4	1.2	1.3	0.3	0.3	

Appendix Table 53. Length composition of the Heckman Lake (Naha) escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1982	1981	1980		1979
		1.1	1.2	1.3	2.2	2.3
Sample Dates: (September 10-12)						
Male	Avg. Length	375.0	458.0	574.2	485.0	595.0
	Std. Error		7.5	1.9		
	Sample Size	3	15	239	1	1
Female	Avg. Length		462.2	550.8		
	Std. Error		6.0	2.4		
	Sample Size		9	137		
All Fish	Avg. Length	375.0	459.6	565.7	485.0	595.0
	Std. Error		5.1	1.6		
	Sample Size	3	24	376	1	1

Appendix Table 54. Helm Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class						Total
	1982	1981		1980		1979	
	1.1	1.2	2.1	1.3	2.2	2.3	
Sample Dates:	(September 24 - 26)						
Male							
Sample Number	19	76	1	72	1	1	170
Percent	5.2	20.7	0.3	19.5	0.3	0.3	46.3
Std. Error	1.2	2.1	0.3	2.1	0.3	0.3	2.6
Female							
Sample Number		86		108	1	2	197
Percent		23.4		29.5	0.3	0.5	53.7
Std. Error		2.2		2.4	0.3	0.4	2.6
All Fish							
Sample Number	19	162	1	180	2	3	367
Percent	5.2	44.1	0.3	49.0	0.6	0.8	
Std. Error	1.2	2.6	0.3	2.6	0.4	0.5	

Appendix Table 55. Length composition of the Helm Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class					
		1982	1981		1980		1979
		1.1	1.2	2.1	1.3	2.2	2.3
Sample Dates: (September 24 - 26)							
Male	Avg. Length	343.2	455.9	325.0	513.6	435.0	500.0
	Std. Error	5.2	2.3		3.1		
	Sample Size	19	76	1	72	1	1
Female	Avg. Length		456.4		509.4	465.0	492.5
	Std. Error		1.6		2.0		2.5
	Sample Size		86		108	1	2
All Fish	Avg. Length	343.2	456.2	325.0	511.1	450.0	495.0
	Std. Error	5.2	1.4		1.7	15.0	2.9
	Sample Size	19	162	1	180	2	3

Appendix Table 56. Johnson Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class									
	1982	1981		1980		1979		1978	Total
	1.1	1.2	2.1	1.3	2.2	2.3	3.2	3.3	
Sample Dates:	(September 21)								
Male									
Sample Number	2	27	8	64	32	44	1	1	179
Percent	0.6	7.5	2.2	17.9	8.9	12.3	0.3	0.3	50.0
Std. Error	0.4	1.4	0.8	2.0	1.5	1.7	0.3	0.3	2.6
Female									
Sample Number	1	34		52	50	42			179
Percent	0.3	9.5		14.5	14.0	11.7			50.0
Std. Error	0.3	1.6		1.9	1.8	1.7			2.6
All Fish									
Sample Number	3	61	8	116	82	86	1	1	358
Percent	0.9	17.0	2.2	32.4	22.9	24.0	0.3	0.3	
Std. Error	0.5	2.0	0.8	2.5	2.2	2.3	0.3	0.3	

Appendix Table 57. Length composition of the Johnson Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class							
		1982	1981		1980		1979		1978
		1.1	1.2	2.1	1.3	2.2	2.3	3.2	3.3
Sample Dates: (September 21)									
Male	Avg. Length	345.0	488.0	376.9	548.4	480.6	557.6	385.0	550.0
	Std. Error	5.0	3.9	8.8	3.5	16.6	6.1		
	Sample Size	2	27	8	64	32	44	1	1
Female	Avg. Length	360.0	481.8		542.1	494.5	549.4		
	Std. Error		2.9		3.2	3.1	3.6		
	Sample Size	1	34		52	50	42		
All Fish	Avg. Length	350.0	484.5	376.9	545.6	489.1	553.6	385.0	550.0
	Std. Error	5.8	2.4	8.8	2.4	6.7	3.6		
	Sample Size	3	61	8	116	82	86	1	1

Appendix Table 58. Kegan Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class						Total
	1982	1981		1980		1979	
	1.1	1.2	2.1	1.3	2.2	2.3	
Sample Dates:	(September 12 - 14)						
Male							
Sample Number	18	67	5	111	11	18	230
Percent	4.1	15.0	1.1	25.0	2.5	4.1	51.8
Std. Error	0.9	1.7	0.5	2.1	0.7	0.9	2.4
Female							
Sample Number		34		122	17	41	214
Percent		7.7		27.5	3.8	9.2	48.2
Std. Error		1.3		2.1	0.9	1.4	2.4
All Fish							
Sample Number	18	101	5	233	28	59	444
Percent	4.1	22.7	1.1	52.5	6.3	13.3	
Std. Error	0.9	2.0	0.5	2.4	1.2	1.6	

Appendix Table 59. Length composition of the Kegan Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class					
		1982	1981		1980		1979
		1.1	1.2	2.1	1.3	2.2	2.3
Sample Dates: (September 12 - 14)							
Male	Avg. Length	340.0	468.3	383.0	534.2	488.6	528.3
	Std. Error	4.9	2.6	4.4	5.6	4.8	5.4
	Sample Size	18	67	5	111	11	18
Female	Avg. Length		474.4		538.4	479.1	522.1
	Std. Error		2.9		2.2	5.1	13.5
	Sample Size		34		122	17	41
All Fish	Avg. Length	340.0	470.3	383.0	536.4	482.9	524.0
	Std. Error	4.9	2.0	4.4	2.9	3.7	9.5
	Sample Size	18	101	5	233	28	59

Appendix Table 60. Miller Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class						Total
	1982	1981		1980		1979	
	1.1	1.2	2.1	1.3	2.2	2.3	
Sample Dates:	(September 24)						
Male							
Sample Number	1	2	1	15	1	2	22
Percent	3.3	6.7	3.3	50.0	3.3	6.7	73.3
Std. Error	3.3	4.6	3.3	9.3	3.3	4.6	8.2
Female							
Sample Number				6		2	8
Percent				20.0		6.7	26.7
Std. Error				7.4		4.6	8.2
All Fish							
Sample Number	1	2	1	21	1	4	30
Percent	3.3	6.7	3.3	70.0	3.3	13.4	
Std. Error	3.3	4.6	3.3	8.5	3.3	6.3	

Appendix Table 61. Length composition of the Miller Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class					
		1982	1981		1980		1979
		1.1	1.2	2.1	1.3	2.2	2.3
Sample Dates: (September 24)							
Male	Avg. Length	375.0	457.5	300.0	545.7	460.0	590.0
	Std. Error		27.5		10.2		10.0
	Sample Size	1	2	1	15	1	2
Female	Avg. Length				552.5		550.0
	Std. Error				6.0		10.0
	Sample Size				6		2
All Fish	Avg. Length	375.0	457.5	300.0	547.6	460.0	570.0
	Std. Error		27.5		7.4		12.9
	Sample Size	1	2	1	21	1	4

Appendix Table 62. Karta River escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class								
	1981	1980		1979		1978		
	1.2	1.3	2.2	1.4	2.3	3.2	2.4	Total
Escapement Dates:	(June 23 - July 7)							
Sample Dates:	(June 24 - July 7)							
Male								
Sample Number	5	308	2	2	63		1	381
Percent	0.9	54.5	0.4	0.4	11.2		0.2	67.6
Std. Error	0.4	2.1	0.3	0.3	1.3			2.0
Number	229	14077	91	91	2879		46	17413
Female								
Sample Number	4	147	3		29			183
Percent	0.7	26.1	0.5		5.1			32.4
Std. Error	0.4	1.9	0.3		0.9			2.0
Number	183	6718	137		1326			8364
All Fish								
Sample Number	9	455	5	2	92		1	564
Percent	1.6	80.6	0.9	0.4	16.3		0.2	100.0
Std. Error	0.5	1.7	0.4	0.3	1.6			
Number	412	20795	228	91	4205		46	25777
Escapement Dates:	(July 8 - 13)							
Sample Dates:	(July 8 - 13)							
Male								
Sample Number	14	349	3	2	37			405
Percent	2.3	57.1	0.5	0.3	6.1			66.3
Std. Error	0.6	2.0	0.3	0.2	1.0			1.9
Number	33	821	7	5	87			953
Female								
Sample Number	12	162	4		28			206
Percent	2.0	26.5	0.7		4.5			33.7
Std. Error	0.6	1.8	0.3		0.8			1.9
Number	28	382	9		66			485
All Fish								
Sample Number	26	511	7	2	65			611
Percent	4.3	83.6	1.2	0.3	10.6			100.0
Std. Error	0.8	1.5	0.4	0.2	1.2			
Number	61	1203	16	5	153			1438
Escapement Dates:	(July 14 - August 19)							
Sample Dates:	(July 14 - August 19)							
Male								
Sample Number	15	394	8		57	1		475
Percent	2.2	58.4	1.2		8.4	0.1		70.3
Std. Error	0.6	1.9	0.4		1.1			1.8
Number	97	2535	51		367	6		3056
Female								
Sample Number	7	159	9	1	25			201
Percent	1.1	23.5	1.3	0.1	3.7			29.7
Std. Error	0.4	1.6	0.4	0.1	0.7			1.8
Number	45	1023	58	6	161			1293
All Fish								
Sample Number	22	553	17	1	82	1		676
Percent	3.3	81.9	2.5	0.1	12.1	0.1		100.0
Std. Error	0.7	1.5	0.6		1.3			
Number	142	3558	109	6	528	6		4349
Combined Periods (Percentages are weighted by period escapements)								
Male								
Sample Number	34	1051	13	4	157	1	1	1261
Percent	1.1	55.3	0.5	0.3	10.6	<0.1	0.1	67.9
Std. Error	0.3	1.7	0.2	0.2	1.1			1.6
Number	359	17433	149	96	3333	6	46	21422
Female								
Sample Number	23	468	16	1	82			590
Percent	0.8	25.8	0.6	<0.1	4.9			32.1
Std. Error	0.3	1.5	0.3		0.8			1.6
Number	256	8123	204	6	1553			10142
All Fish								
Sample Number	57	1519	29	5	239	1	1	1851
Percent	1.9	81.1	1.1	0.3	15.5	<0.1	0.1	100.0
Std. Error	0.4	1.4	0.3	0.2	1.3			
Number	615	25556	353	102	4886	6	46	31564

Appendix Table 63. Length composition of the Karta River escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class						
		1981	1980		1979		1978	
		1.2	1.3	2.2	1.4	2.3	3.2	2.4
Escapement Dates: (June 23 - July 7)								
Sample Dates: (June 24 - July 7)								
Male	Avg. Length	514.0	582.4	545.0	620.0	576.0		605.0
	Std. Error	7.3	2.3	5.0		9.7		
	Sample Size	5	308	2	2	63		1
Female	Avg. Length	483.8	557.9	515.0		554.3		
	Std. Error	18.2	1.6	7.6		3.0		
	Sample Size	4	147	3		29		
All Fish	Avg. Length	500.6	574.5	527.0	620.0	569.1		605.0
	Std. Error	9.9	1.7	8.6		6.8		
	Sample Size	9	455	5	2	92		1
Escapement Dates: (July 8 - 13)								
Sample Dates: (July 8 - 13)								
Male	Avg. Length	522.9	584.9	560.0	627.5	593.4		
	Std. Error	5.2	2.5	11.5	17.5	2.8		
	Sample Size	14	349	3	2	37		
Female	Avg. Length	507.5	565.7	507.5		559.3		
	Std. Error	6.5	1.8	7.5		3.9		
	Sample Size	12	162	4		28		
All Fish	Avg. Length	515.8	578.8	530.0	627.5	578.7		
	Std. Error	4.3	1.9	12.1	17.5	3.1		
	Sample Size	26	511	7	2	65		
Escapement Dates: (July 14 - August 19)								
Sample Dates: (July 14 - August 19)								
Male	Avg. Length	526.3	588.0	530.0		586.6	570.0	
	Std. Error	4.3	1.0	4.1		3.3		
	Sample Size	15	394	8		57	1	
Female	Avg. Length	512.9	563.6	528.9	585.0	566.2		
	Std. Error	5.5	1.5	12.0		4.0		
	Sample Size	7	159	9	1	25		
All Fish	Avg. Length	522.0	581.0	529.4	585.0	580.4	570.0	
	Std. Error	3.6	1.0	6.4		2.8		
	Sample Size	22	553	17	1	82	1	
Combined Periods (Unweighted)								
Male	Avg. Length	523.1	585.3	539.2	623.8	583.9	570.0	605.0
	Std. Error	3.0	1.1	5.0	7.5	4.1		
	Sample Size	34	1051	13	4	157	1	1
Female	Avg. Length	505.0	562.6	520.9	585.0	559.6		
	Std. Error	5.1	1.0	7.3		2.1		
	Sample Size	23	468	16	1	82		
All Fish	Avg. Length	515.8	578.3	529.1	616.0	575.6	570.0	605.0
	Std. Error	3.0	0.9	4.8	9.7	2.9		
	Sample Size	57	1519	29	5	239	1	1

Appendix Table 64. Daily and cumulative sockeye salmon weir counts from Karta River weir, 1985.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June	23	226	226	0.01	0.01
June	24	20	246	.00	0.01
June	25	86	332	.00	0.01
June	26	250	582	0.01	0.02
June	27	1826	2408	0.06	0.08
June	28	2474	4882	0.08	0.15
June	29	3151	8033	0.10	0.25
June	30	6084	14117	0.19	0.45
July	1	4575	18692	0.14	0.59
July	2	2672	21364	0.08	0.68
July	3	1292	22656	0.04	0.72
July	4	2085	24741	0.07	0.78
July	5	846	25587	0.03	0.81
July	6	58	25645	.00	0.81
July	7	132	25777	.00	0.82
July	8	178	25955	0.01	0.82
July	9	96	26051	.00	0.83
July	10	118	26169	.00	0.83
July	11	752	26921	0.02	0.85
July	12	109	27030	.00	0.86
July	13	185	27215	0.01	0.86
July	14	220	27435	0.01	0.87
July	15	134	27569	.00	0.87
July	16	265	27834	0.01	0.88
July	17	36	27870	.00	0.88
July	18	528	28398	0.02	0.90
July	19	649	29047	0.02	0.92
July	20	166	29213	0.01	0.93
July	21	53	29266	.00	0.93
July	22	39	29305	.00	0.93
July	23	324	29629	0.01	0.94
July	24	23	29652	.00	0.94
July	25	17	29669	.00	0.94
July	26	142	29811	.00	0.94
July	27	6	29817	.00	0.94
July	28	81	29898	.00	0.95
July	29	104	30002	.00	0.95
July	30	87	30089	.00	0.95
July	31	42	30131	.00	0.95
August	1	59	30190	.00	0.96
August	2	22	30212	.00	0.96
August	3	816	31028	0.03	0.98
August	4	121	31149	.00	0.99
August	5	61	31210	.00	0.99
August	6	76	31286	.00	0.99
August	7	88	31374	.00	0.99
August	8	7	31381	.00	0.99
August	9	10	31391	.00	0.99
August	10	10	31401	.00	0.99
August	11	21	31422	.00	1.00
August	12	1	31423	.00	1.00
August	13	6	31429	.00	1.00
August	14	44	31473	.00	1.00
August	15	5	31478	.00	1.00
August	16	8	31486	.00	1.00
August	17	22	31508	.00	1.00
August	18	42	31550	.00	1.00
August	19	14	31564	.00	1.00
Mean Day of Migration = July 4		Variance = 89.67 Days squared			

Appendix Table 65. Klakas Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class					

	1981		1980	1979	
	-----		-----	-----	
	0.3	1.2	1.3	2.3	Total

Sample Dates:	(September 13 - 16)				
Male					
Sample Number	4	6	184	4	198
Percent	1.3	1.9	57.9	1.3	62.3
Std. Error	0.6	0.8	2.8	0.6	2.7
Female					
Sample Number	3	3	109	5	120
Percent	0.9	0.9	34.3	1.6	37.7
Std. Error	0.5	0.5	2.7	0.7	2.7
All Fish					
Sample Number	7	9	293	9	318
Percent	2.2	2.8	92.2	2.8	
Std. Error	0.8	0.9	1.5	0.9	

Appendix Table 66. Length composition of the Klakas Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class			
		1981		1980	1979
		0.3	1.2	1.3	2.3
Sample Dates: (September 13 - 16)					
Male	Avg. Length	576.3	483.3	555.5	555.0
	Std. Error	4.3	7.6	3.7	6.8
	Sample Size	4	6	184	4
Female	Avg. Length	515.0	481.7	540.1	543.0
	Std. Error	25.0	6.7	2.5	4.4
	Sample Size	3	3	109	5
All Fish	Avg. Length	550.0	482.8	549.7	548.3
	Std. Error	15.7	5.3	2.6	4.2
	Sample Size	7	9	293	9

Appendix Table 67. Hetta Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class					Total
	1982	1981	1980		1979	
	1.1	1.2	1.3	2.2	2.3	
Sample Dates:	(September 8 - 10)					
Male						
Sample Number	52	75	150		7	284
Percent	11.9	17.2	34.4		1.6	65.1
Std. Error	1.6	1.8	2.3		0.6	2.3
Female						
Sample Number	1	44	97	2	8	152
Percent	0.2	10.1	22.3	0.5	1.8	34.9
Std. Error	0.2	1.4	2.0	0.3	0.6	2.3
All Fish						
Sample Number	53	119	247	2	15	436
Percent	12.1	27.3	56.7	0.5	3.4	
Std. Error	1.6	2.1	2.4	0.3	0.9	

Appendix Table 68. Length composition of the Hetta Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1982	1981	1980		1979
		1.1	1.2	1.3	2.2	2.3
Sample Dates: (September 8 - 10)						
Male	Avg. Length	333.2	469.5	537.9		547.1
	Std. Error	3.8	2.6	4.5		17.8
	Sample Size	52	75	150		7
Female	Avg. Length	350.0	472.2	535.2	455.0	537.5
	Std. Error		2.5	2.5	5.0	12.5
	Sample Size	1	44	97	2	8
All Fish	Avg. Length	333.5	470.5	536.8	455.0	542.0
	Std. Error	3.8	1.9	2.9	5.0	10.3
	Sample Size	53	119	247	2	15

Appendix Table 69. Chuck Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class					
	1982	1981	1980		1979
	1.1	1.2	1.3	2.2	2.3
					Total
Sample Dates: (August 21 - September 5)					
Male					
Sample Number		154	138	49	13
Percent		22.5	20.1	7.1	1.9
Std. Error		1.6	1.5	1.0	0.5
Female					
Sample Number	1	123	146	45	17
Percent	0.1	17.9	21.3	6.6	2.5
Std. Error	0.1	1.5	1.6	0.9	0.6
All Fish					
Sample Number	1	277	284	94	30
Percent	0.1	40.4	41.4	13.7	4.4
Std. Error	0.1	1.9	1.9	1.3	0.8

Appendix Table 70. Length composition of the Chuck Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1982	1981	1980		1979
		1.1	1.2	1.3	2.2	2.3
Sample Dates: (August 21 - September 5)						
Male	Avg. Length		506.3	553.9	517.0	548.1
	Std. Error		3.9	4.5	4.2	9.2
	Sample Size		154	138	49	13
Female	Avg. Length	390.0	497.6	548.6	506.9	547.5
	Std. Error		4.6	1.8	3.4	6.0
	Sample Size	1	123	146	45	17
All Fish	Avg. Length	390.0	502.4	551.1	512.1	547.8
	Std. Error		3.0	2.4	2.8	5.1
	Sample Size	1	277	284	94	30

Appendix Table 71. Sarkar Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

		Brood Year and Age Class								
		1982	1981		1980		1979		1978	
		1.1	1.2	2.1	1.3	2.2	2.3	3.2	3.3	Total
Sample Dates: (September 5 - 7)										
Male										
Sample Number	7	18	13	77	79	44	3	8		249
Percent	1.5	3.9	2.9	16.8	17.3	9.6	0.7	1.8		54.5
Std. Error	0.6	0.9	0.8	1.8	1.8	1.4	0.4	0.6		2.3
Female										
Sample Number		18	1	98	54	33	3	1		208
Percent		3.9	0.2	21.5	11.8	7.2	0.7	0.2		45.5
Std. Error		0.9	0.2	1.9	1.5	1.2	0.4	0.2		2.3
All Fish										
Sample Number	7	36	14	175	133	77	6	9		457
Percent	1.5	7.9	3.1	38.3	29.1	16.8	1.3	2.0		
Std. Error	0.6	1.3	0.8	2.3	2.1	1.8	0.5	0.7		

Appendix Table 72. Length composition of the Sarkar Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class							
		1982	1981		1980		1979		1978
		1.1	1.2	2.1	1.3	2.2	2.3	3.2	3.3
Sample Dates: (September 5 - 7)									
Male	Avg. Length	369.3	481.4	378.5	553.7	476.1	536.0	488.3	549.4
	Std. Error	5.4	6.1	4.9	3.8	7.2	13.2	32.2	9.4
	Sample Size	7	18	13	77	79	44	3	8
Female	Avg. Length		469.4	325.0	535.8	471.9	529.2	478.3	500.0
	Std. Error		6.1		2.7	9.8	4.8	1.7	
	Sample Size		18	1	98	54	33	3	1
All Fish	Avg. Length	369.3	475.4	374.6	543.7	474.4	533.1	483.3	543.9
	Std. Error	5.4	4.4	6.0	2.4	5.8	7.8	14.6	10.0
	Sample Size	7	36	14	175	133	77	6	9

Appendix Table 73. Essowah Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class					

	1982	1981	1980		
	-----	-----	-----	-----	
	1.1	1.2	1.3	2.2	Total

Sample Dates:	(September 16)				
Male					
Sample Number	7	5	6		18
Percent	20.0	14.3	17.1		51.4
Std. Error	6.9	6.0	6.5		8.6
Female					
Sample Number		3	13	1	17
Percent		8.6	37.1	2.9	48.6
Std. Error		4.8	8.3	2.9	8.6
All Fish					
Sample Number	7	8	19	1	35
Percent	20.0	22.9	54.2	2.9	
Std. Error	6.9	7.2	8.5	2.9	

Appendix Table 74. Length composition of the Essowah Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class			
		1982	1981	1980	
		1.1	1.2	1.3	2.2
Sample Dates: (September 16)					
Male	Avg. Length	352.9	430.0	558.3	
	Std. Error	8.1	6.3	18.7	
	Sample Size	7	5	6	
Female	Avg. Length		453.3	520.0	500.0
	Std. Error		12.0	7.7	
	Sample Size		3	13	1
All Fish	Avg. Length	352.9	438.8	532.1	500.0
	Std. Error	8.1	6.9	8.7	
	Sample Size	7	8	19	1

Appendix Table 75. Kushneahin Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

----- Brood Year and Age Class -----					
	1981	1980		1979	
	-----	-----	-----	-----	
	1.2	1.3	2.2	2.3	Total

Sample Dates:	(September 11)				
Male					
Sample Number	1	48	1	9	59
Percent	1.0	48.0	1.0	9.0	59.0
Std. Error	1.0	5.0	1.0	2.9	4.9
Female					
Sample Number	2	35		4	41
Percent	2.0	35.0		4.0	41.0
Std. Error	1.4	4.8		2.0	4.9
All Fish					
Sample Number	3	83	1	13	100
Percent	3.0	83.0	1.0	13.0	
Std. Error	1.7	3.8	1.0	3.4	

Appendix Table 76. Length composition of the Kushneahin Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class			
		1981	1980		1979
		1.2	1.3	2.2	2.3
Sample Dates: (September 11)					
Male	Avg. Length	520.0	571.5	405.0	579.4
	Std. Error		3.4		7.7
	Sample Size	1	48	1	9
Female	Avg. Length	500.0	558.7		546.3
	Std. Error	5.0	3.1		5.2
	Sample Size	2	35		4
All Fish	Avg. Length	506.7	566.1	405.0	569.2
	Std. Error	7.3	2.5		7.0
	Sample Size	3	83	1	13

Appendix Table 77. Luck Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class							
	1982	1981		1980		1979	
	1.1	1.2	2.1	1.3	2.2	2.3	Total
Sample Dates: (August 31 - September 2)							
Male							
Sample Number	64	107	36	7	11	2	227
Percent	24.2	40.4	13.6	2.6	4.1	0.8	85.7
Std. Error	2.6	3.0	2.1	1.0	1.2	0.5	2.2
Female							
Sample Number		4		19	5	10	38
Percent		1.5		7.2	1.9	3.7	14.3
Std. Error		0.8		1.6	0.8	1.2	2.2
All Fish							
Sample Number	64	111	36	26	16	12	265
Percent	24.2	41.9	13.6	9.8	6.0	4.5	
Std. Error	2.6	3.0	2.1	1.8	1.5	1.3	

Appendix Table 78. Length composition of the Luck Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class					
		1982	1981		1980		1979
		1.1	1.2	2.1	1.3	2.2	2.3
Sample Dates: (August 31 - September 2)							
Male	Avg. Length	351.0	449.8	364.0	546.7	446.5	550.0
	Std. Error	2.4	2.1	2.6	21.1	7.7	10.0
	Sample Size	63	105	36	6	10	2
Female	Avg. Length		506.7		555.6	486.0	541.1
	Std. Error		13.3		6.8	12.9	9.0
	Sample Size		3		17	5	9
All Fish	Avg. Length	351.0	451.4	364.0	553.3	459.7	542.7
	Std. Error	2.4	2.3	2.6	7.2	8.1	7.5
	Sample Size	63	108	36	23	15	11

Appendix Table 79. Galea Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class					Total
	1982	1981	1980		1979	
	1.1	1.2	1.3	2.2	2.3	
Sample Dates:	(September 5 - 7)					
Male						
Sample Number	1	47	151	16	19	234
Percent	0.2	9.8	31.5	3.3	4.0	48.8
Std. Error	0.2	1.4	2.1	0.8	0.9	2.3
Female						
Sample Number	2	28	168	17	31	246
Percent	0.4	5.8	35.0	3.6	6.5	51.3
Std. Error	0.3	1.1	2.2	0.8	1.1	2.3
All Fish						
Sample Number	3	75	319	33	50	480
Percent	0.6	15.6	66.5	6.9	10.4	
Std. Error	0.4	1.7	2.2	1.2	1.4	

Appendix Table 80. Length composition of the Galea Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1982	1981	1980		1979
		1.1	1.2	1.3	2.2	2.3
Sample Dates: (September 5 - 7)						
Male	Avg. Length	340.0	465.0	521.0	468.8	403.7
	Std. Error		10.5	10.2	31.9	57.0
	Sample Size	1	47	151	16	19
Female	Avg. Length	267.5	475.5	519.3	450.0	433.9
	Std. Error	77.5	3.9	9.1	28.7	39.0
	Sample Size	2	28	168	17	31
All Fish	Avg. Length	291.7	468.9	520.1	459.1	422.4
	Std. Error	50.9	6.7	6.8	21.1	32.2
	Sample Size	3	75	319	33	50

Appendix Table 81. Hatchery Creek escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class				

1980				
1979				

1.3				
2.2				
2.3				
Total				

Sample Dates:	(September 1)			
Male				
Sample Number			1	1
Percent			20.0	20.0
Std. Error			20.0	20.0
Female				
Sample Number	1	1	2	4
Percent	20.0	20.0	40.0	80.0
Std. Error	20.0	20.0	24.5	20.0
All Fish				
Sample Number	1	1	3	5
Percent	20.0	20.0	60.0	
Std. Error	20.0	20.0	24.5	

Appendix Table 82. Length composition of the Hatchery Creek escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class		
		1980	1980	1979
		1.3	2.2	2.3
Sample Dates: (September 1)				
Male	Avg. Length			510.0
	Std. Error			
	Sample Size			1
Female	Avg. Length	550.0	510.0	580.0
	Std. Error			30.0
	Sample Size	1	1	2
All Fish	Avg. Length	550.0	510.0	556.7
	Std. Error			29.1
	Sample Size	1	1	3

Appendix Table 83. Salmon Bay Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class								
	1982	1981		1980		1979		
	1.1	1.2	2.1	1.3	2.2	1.4	2.3	Total
Escapement Dates:	(June 21 - August 2)							
Sample Dates:	(June 26 - August 2)							
Male								
Sample Number	11	64	2	227	23		30	357
Percent	1.7	10.0	0.3	35.4	3.6		4.7	55.7
Std. Error	0.5	1.2	0.2	1.9	0.7		0.8	2.0
Number	72	419	13	1486	151		196	2337
Female								
Sample Number	4	17	2	223	3	1	34	284
Percent	0.6	2.6	0.3	34.8	0.5	0.2	5.3	44.3
Std. Error	0.3	0.6	0.2	1.9	0.3	0.2	0.9	2.0
Number	26	111	13	1460	19	7	223	1859
All Fish								
Sample Number	15	81	4	450	26	1	64	641
Percent	2.3	12.6	0.6	70.2	4.1	0.2	10.0	
Std. Error	0.6	1.3	0.3	1.8	0.8	0.2	1.2	
Number	98	530	26	2946	170	7	419	4196
Escapement Dates:	(August 3 - September 6)							
Sample Dates:	(August 3 - August 30)							
Male								
Sample Number	2	25		182	6		14	229
Percent	0.3	3.6		26.0	0.9		2.0	32.7
Std. Error	0.2	0.7		1.7	0.3		0.5	1.8
Number	86	1075		7824	258		602	9845
Female								
Sample Number		14		423	5		30	472
Percent		2.0		60.3	0.7		4.3	67.3
Std. Error		0.5		1.8	0.3		0.8	1.8
Number		602		18185	215		1290	20392
All Fish								
Sample Number	2	39		605	11		44	701
Percent	0.3	5.6		86.2	1.6		6.3	
Std. Error	0.2	0.9		1.3	0.5		0.9	
Number	86	1677		26009	473		1892	30137
Combined Periods (Percentages are weighted by period escapements)								
Male								
Sample Number	13	89	2	409	29		44	586
Percent	0.5	4.4	<0.1	27.1	1.2		2.3	35.5
Std. Error	0.2	0.6	<0.1	1.5	0.3		0.5	1.6
Number	158	1494	13	9310	409		798	12182
Female								
Sample Number	4	31	2	646	8	1	64	756
Percent	0.1	2.1	<0.1	57.2	0.7	<0.1	4.4	64.5
Std. Error	<0.1	0.5	<0.1	1.6	0.3		0.7	1.6
Number	26	713	13	19645	235	7	1513	22151
All Fish								
Sample Number	17	120	4	1055	37	1	108	1342
Percent	0.5	6.5	0.1	84.3	1.9		6.7	100.0
Std. Error	0.2	0.8	<0.1	1.2	0.4		0.8	
Number	184	2207	26	28955	643	7	2311	34333

Appendix Table 84. Length composition of the Salmon Bay Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class						
		1982	1981		1980		1979	
		1.1	1.2	2.1	1.3	2.2	1.4	2.3
Escapement Dates: (June 21 - August 2)								
Sample Dates: (June 26 - August 2)								
Male	Avg. Length	326.4	446.3	335.0	585.4	473.0		579.7
	Std. Error	5.5	4.5		1.7	10.4		6.4
	Sample Size	11	64	2	227	23		30
Female	Avg. Length	318.8	480.3	315.0	550.7	471.7	575.0	552.4
	Std. Error	16.8	9.3	30.0	1.6	24.2		5.6
	Sample Size	4	17	2	223	3	1	34
All Fish	Avg. Length	324.3	453.4	325.0	568.2	472.9	575.0	565.2
	Std. Error	5.7	4.3	13.5	1.4	9.5		4.5
	Sample Size	15	81	4	450	26	1	64
Escapement Dates: (August 3 - September 6)								
Sample Dates: (August 3 - August 30)								
Male	Avg. Length	310.0	462.4		580.9	470.0		579.3
	Std. Error	15.0	7.3		2.0	17.2		8.3
	Sample Size	2	25		182	6		14
Female	Avg. Length		482.1		554.2	475.0		558.0
	Std. Error		4.5		1.1	16.0		3.9
	Sample Size		14		423	5		30
All Fish	Avg. Length	310.0	469.5		562.2	472.3		564.8
	Std. Error	15.0	5.1		1.1	11.3		4.0
	Sample Size	2	39		605	11		44
Combined Periods (Unweighted)								
Male	Avg. Length	323.8	450.8	335.0	583.4	472.4		579.5
	Std. Error	5.2	3.9	<0.1	1.3	8.8		5.0
	Sample Size	13	89	2	409	29		44
Female	Avg. Length	318.8	481.1	315.0	553.0	473.8	575.0	555.0
	Std. Error	16.8	5.4	30.0	0.9	12.5		3.5
	Sample Size	4	31	2	646	8	1	64
All Fish	Avg. Length	322.6	458.6	325.0	564.8	472.7	575.0	565.0
	Std. Error	5.3	3.4	13.5	0.9	7.4		3.1
	Sample Size	17	120	4	1055	37	1	108

Appendix Table 85. Daily and cumulative sockeye salmon weir counts from Salmon Bay Lake Creek weir, 1985.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 21	4	4	.00	.00
June 22	2	6	.00	.00
June 23	2	8	.00	.00
June 24	0	8	0.00	.00
June 25	0	8	0.00	.00
June 26	23	31	.00	.00
June 27	52	83	.00	.00
June 28	49	132	.00	.00
June 29	11	143	.00	.00
June 30	18	161	.00	.00
July 1	59	220	.00	0.01
July 2	12	232	.00	0.01
July 3	13	245	.00	0.01
July 4	199	444	0.01	0.01
July 5	3	447	.00	0.01
July 6	12	459	.00	0.01
July 7	249	708	0.01	0.02
July 8	11	719	.00	0.02
July 9	19	738	.00	0.02
July 10	128	866	.00	0.03
July 11	49	915	.00	0.03
July 12	70	985	.00	0.03
July 13	550	1535	0.02	0.04
July 14	108	1643	.00	0.05
July 15	39	1682	.00	0.05
July 16	217	1899	0.01	0.06
July 17	69	1968	.00	0.06
July 18	136	2104	.00	0.06
July 19	57	2161	.00	0.06
July 20	81	2242	.00	0.07
July 21	63	2305	.00	0.07
July 22	21	2326	.00	0.07
July 23	10	2336	.00	0.07
July 24	70	2406	.00	0.07
July 25	87	2493	.00	0.07
July 26	67	2560	.00	0.07
July 27	54	2614	.00	0.08
July 28	12	2626	.00	0.08
July 29	25	2651	.00	0.08
July 30	125	2776	.00	0.08
July 31	36	2812	.00	0.08
August 1	199	3011	0.01	0.09
August 2	1185	4196	0.03	0.12
August 3	6754	10950	0.20	0.32
August 4	2744	13694	0.08	0.40
August 5	4847	18541	0.14	0.54
August 6	911	19452	0.03	0.57
August 7	745	20197	0.02	0.59
August 8	615	20812	0.02	0.61
August 9	459	21271	0.01	0.62
August 10	286	21557	0.01	0.63
August 11	220	21777	0.01	0.63
August 12	845	22622	0.02	0.66
August 13	359	22981	0.01	0.67
August 14	526	23507	0.02	0.69
August 15	1760	25267	0.05	0.74
August 16	689	25956	0.02	0.76
August 17	432	26388	0.01	0.77
August 18	50	26438	.00	0.77
August 19	56	26494	.00	0.77
August 20	44	26538	.00	0.77
August 21	25	26563	.00	0.77
August 22	447	27010	0.01	0.79
August 23	383	27393	0.01	0.80
August 24	843	28236	0.02	0.82
August 25	182	28418	0.01	0.83
August 26	146	28564	.00	0.83
August 27	3123	31687	0.09	0.92
August 28	1108	32795	0.03	0.96
August 29	69	32864	.00	0.96
August 30	133	32997	.00	0.96
August 31	308	33305	0.01	0.97
September 1	94	33399	.00	0.97
September 2	70	33469	.00	0.98
September 3	48	33517	.00	0.98
September 4	698	34215	0.02	1.00
September 5	82	34297	.00	1.00
September 6 1/	11	34308	0.00	1.00

Mean Day of Migration = August 9 Variance = 159.66 Days squared

1/ An estimated 25 sockeye salmon were below the weir when it was pulled, making the total estimated escapement 34,323

Appendix Table 86. Red Bay Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

		Brood Year and Age Class						Total
		1982	1981		1980		1979	
		1.1	1.2	2.1	1.3	2.2	1.4	2.3
Sample Dates:		(August 26 - 27)						
Male								
Sample Number	12	143	2	110	17		14	298
Percent	2.3	27.5	0.4	21.2	3.2		2.7	57.3
Std. Error	0.7	2.0	0.3	1.8	0.8		0.7	2.2
Female								
Sample Number		32		143	16	1	30	222
Percent		6.2		27.5	3.1	0.2	5.7	42.7
Std. Error		1.1		2.0	0.8	0.2	1.0	2.2
All Fish								
Sample Number	12	175	2	253	33	1	44	520
Percent	2.3	33.7	0.4	48.7	6.3	0.2	8.4	
Std. Error	0.7	2.1	0.3	2.2	1.1	0.2	1.2	

Appendix Table 87. Length composition of the Red Bay Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class						
		1982	1981		1980		1979	
		1.1	1.2	2.1	1.3	2.2	1.4	2.3
Sample Dates: (August 26 - 27)								
Male	Avg. Length	339.2	458.9	345.0	562.1	464.1		562.1
	Std. Error	4.4	2.3	5.0	3.8	7.9		9.6
	Sample Size	12	143	2	110	17		14
Female	Avg. Length		477.5		543.1	493.4	540.0	549.7
	Std. Error		15.6		4.3	4.4		3.4
	Sample Size		32		143	16	1	30
All Fish	Avg. Length	339.2	462.3	345.0	551.4	478.3	540.0	553.6
	Std. Error	4.4	3.4	5.0	3.0	5.2		3.9
	Sample Size	12	175	2	253	33	1	44

Appendix Table 88. Petersburg Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class								
	1982	1981		1980			1979		
	1.1	0.3	1.2	2.1	1.3	2.2	3.1	2.3	Total
Sample Dates:	(August 19 - 21)								
Male									
Sample Number	47	1	21	55	25	12	2	1	164
Percent	19.8	0.4	8.9	23.3	10.5	5.1	0.8	0.4	69.2
Std. Error	2.6	0.4	1.8	2.7	2.0	1.4	0.6	0.4	3.0
Female									
Sample Number	1		14	1	45	2		10	73
Percent	0.5		5.9	0.4	19.0	0.8		4.2	30.8
Std. Error	0.5		1.5	0.4	2.6	0.6		1.3	3.0
All Fish									
Sample Number	48	1	35	56	70	14	2	11	237
Percent	20.3	0.4	14.8	23.7	29.5	5.9	0.8	4.6	
Std. Error	2.6	0.4	2.3	2.8	3.0	1.5	0.6	1.4	

Appendix Table 89. Length composition of the Petersburg Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class							
		1982	1981			1980			1979
		1.1	0.3	1.2	2.1	1.3	2.2	3.1	2.3
Sample Dates: (August 19 - 21)									
Male	Avg. Length	326.0	550.0	458.8	333.1	560.8	441.3	322.5	600.0
	Std. Error	3.8		10.5	3.0	4.1	11.0	2.5	
	Sample Size	47	1	21	55	25	12	2	1
Female	Avg. Length	290.0		510.7	340.0	546.6	500.0		542.0
	Std. Error			4.8		2.4	20.0		3.5
	Sample Size	1		14	1	45	2		10
All Fish	Avg. Length	325.2	550.0	479.6	333.2	551.6	449.6	322.5	547.3
	Std. Error	3.8		7.8	2.9	2.3	11.1	2.5	6.2
	Sample Size	48	1	35	56	70	14	2	11

Appendix Table 90. Thoms Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class					
	1982	1981	1980		1979	
	-----	-----	-----	-----	-----	
	1.1	1.2	1.3	2.2	2.3	Total

Sample Dates:	(September 3 - 5)					
Male						
Sample Number	4	3	70	25	37	139
Percent	1.2	0.9	20.7	7.4	11.0	41.2
Std. Error	0.6	0.5	2.2	1.4	1.7	2.7
Female						
Sample Number		5	92	43	58	198
Percent		1.5	27.3	12.8	17.2	58.8
Std. Error		0.7	2.4	1.8	2.1	2.7
All Fish						
Sample Number	4	8	162	68	95	337
Percent	1.2	2.4	48.0	20.2	28.2	
Std. Error	0.6	0.8	2.7	2.2	2.5	

Appendix Table 91. Length composition of the Thoms Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1982	1981	1980		1979
		1.1	1.2	1.3	2.2	2.3
Sample Dates: (September 3 - 5)						
Male	Avg. Length	327.5	438.3	567.7	497.8	563.0
	Std. Error	15.5	46.9	2.8	3.2	4.6
	Sample Size	4	3	70	25	37
Female	Avg. Length		456.4	553.2	490.2	549.4
	Std. Error		51.6	2.4	2.9	3.1
	Sample Size		5	92	43	58
All Fish	Avg. Length	327.5	449.6	559.5	493.0	554.7
	Std. Error	15.5	34.6	1.9	2.2	2.7
	Sample Size	4	8	162	68	95

Appendix Table 92. Kakwan Point (lower Stikine River) test fishery catch of sockeye salmon, sex and age class by sample period, 1985.

	Brood Year and Age Class					Total
	1981		1980		1979	
	0.3	1.2	1.3	2.2	2.3	
Statistical Week	25	(June 16 - 22)				
Male						
Sample Number					1	1
Percent					12.5	12.5
Std. Error					12.5	12.5
Female						
Sample Number			6		1	7
Percent			75.0		12.5	87.5
Std. Error			16.4			12.5
All Fish						
Sample Number			6		2	8
Percent			75.0		25.0	100.0
Std. Error			16.4		16.4	
Statistical Week	26	(June 23 - 29)				
Male						
Sample Number	2		32			34
Percent	2.2		35.6			37.8
Std. Error	1.6		5.1			5.1
Female						
Sample Number			54		2	56
Percent			60.0		2.2	62.2
Std. Error			5.2		1.6	5.1
All Fish						
Sample Number	2		86		2	90
Percent	2.2		95.6		2.2	100.0
Std. Error	1.6		2.2		1.6	
Statistical Week	27	(June 30 - July 6)				
Male						
Sample Number			12	1		13
Percent			26.1	2.2		28.3
Std. Error			6.5			6.7
Female						
Sample Number			33			33
Percent			71.7			71.7
Std. Error			6.7			6.7
All Fish						
Sample Number			45	1		46
Percent			97.8	2.2		100.0
Std. Error			2.2			
Statistical Week	28	(July 7 - 13)				
Male						
Sample Number		4	23		1	28
Percent		4.6	26.4		1.1	32.2
Std. Error		2.3	4.8			5.0
Female						
Sample Number		2	51	2	4	59
Percent		2.3	58.6	2.3	4.6	67.8
Std. Error		1.6	5.3	1.6	2.3	5.0
All Fish						
Sample Number		6	74	2	5	87
Percent		6.9	85.1	2.3	5.7	100.0
Std. Error		2.7	3.8	1.6	2.5	
Statistical Week	29	(July 14 - 20)				
Male						
Sample Number		2	13	1		16
Percent		3.4	22.0	1.7		27.1
Std. Error		2.4	5.4			5.8
Female						
Sample Number	1	2	39		1	43
Percent	1.7	3.4	66.1		1.7	72.9
Std. Error		2.4	6.2			5.8
All Fish						
Sample Number	1	4	52	1	1	59
Percent	1.7	6.8	88.1	1.7	1.7	100.0
Std. Error		3.3	4.2			

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Appendix Table 92. Kakwan Point (lower Stikine River) test fishery catch of sockeye salmon, sex and age class by sample period, 1985 (continued).

	Brood Year and Age Class					Total
	1981		1980		1979	
	0.3	1.2	1.3	2.2	2.3	
Statistical Week	30	(July 21 - 27)				
Male						
Sample Number		1	7	2		10
Percent		5.3	36.8	10.5		52.6
Std. Error			11.4	7.2		11.8
Female						
Sample Number	5.1		8			9
Percent	5.3		42.1			47.4
Std. Error			11.6			11.8
All Fish						
Sample Number	5.1	1	15	2		19
Percent	5.3	5.3	78.9	10.5		100.0
Std. Error			9.6	7.2		
Statistical Week	31	(July 28 - August 3)				
Male						
Sample Number	7.1	1	2			4
Percent	7.7	7.7	15.4			30.8
Std. Error			10.4			13.3
Female						
Sample Number		1	8			9
Percent		7.7	61.5			69.2
Std. Error			14.0			13.3
All Fish						
Sample Number	7.1	2	10			13
Percent	7.7	15.4	76.9			100.0
Std. Error		10.4	12.2			
Statistical Week	32	(August 4 - 10)				
Male						
Sample Number		1				1
Percent		50.0				50.0
Std. Error						50.0
Female						
Sample Number	50.1					1
Percent	50.0					50.0
Std. Error						50.0
All Fish						
Sample Number	50.1	1				2
Percent	50.0	50.0				100.0
Std. Error						
Statistical Week	33	(August 11 - 17)				
Male						
Sample Number			1		1	2
Percent			20.0		20.0	40.0
Std. Error						24.5
Female						
Sample Number			3			3
Percent			60.0			60.0
Std. Error			24.5			24.5
All Fish						
Sample Number			4		1	5
Percent			80.0		20.0	100.0
Std. Error			20.0			
Combined Periods (Unweighted)						
Male						
Sample Number	3	9	90	4	3	109
Percent	0.9	2.7	27.4	1.2	0.9	33.1
Std. Error	0.9	5.7	3.1	0.9	2.6	6.8
Female						
Sample Number	3	5	202	2	8	220
Percent	0.9	1.5	61.4	0.6	2.4	66.9
Std. Error	5.6	0.9	4.1	0.2	1.4	6.8
All Fish						
Sample Number	6	14	292	6	11	329
Percent	1.8	4.3	88.8	1.8	3.3	100.0
Std. Error	5.7	5.7	3.4	0.9	2.9	

Appendix Table 93. Length composition of the Kakwan Point (lower Stikine River) test fishery catch of sockeye salmon by sex, age class, and sample period, 1985.

		Brood Year and Age Class				
		1981		1980		1979
		0.3	1.2	1.3	2.2	2.3
Statistical Week	25 (June 16 - 22)					
Male	Avg. Length					550.0
	Std. Error					
	Sample Size					1
Female	Avg. Length			573.3		545.0
	Std. Error			5.7		
	Sample Size			6		1
All Fish	Avg. Length			573.3		547.5
	Std. Error			5.7		2.5
	Sample Size			6		2
Statistical Week	26 (June 23 - 29)					
Male	Avg. Length	562.5		590.8		
	Std. Error	32.5		4.4		
	Sample Size	2		32		
Female	Avg. Length			570.4		562.5
	Std. Error			3.5		17.5
	Sample Size			54		2
All Fish	Avg. Length	562.5		578.0		562.5
	Std. Error	32.5		2.9		17.5
	Sample Size	2		86		2
Statistical Week	27 (June 30 - July 6)					
Male	Avg. Length			594.2	490.0	
	Std. Error			5.4		
	Sample Size			12	1	
Female	Avg. Length			561.8		
	Std. Error			3.9		
	Sample Size			33		
All Fish	Avg. Length			570.4	490.0	
	Std. Error			3.8		
	Sample Size			45	1	
Statistical Week	28 (July 7 - 13)					
Male	Avg. Length		520.0	586.7		600.0
	Std. Error		9.1	5.1		
	Sample Size		4	23		1
Female	Avg. Length		522.5	556.5	502.5	557.5
	Std. Error		17.5	2.3	7.5	4.3
	Sample Size		2	51	2	4
All Fish	Avg. Length		520.8	565.9	502.5	566.0
	Std. Error		7.4	2.8	7.5	9.1
	Sample Size		6	74	2	5
Statistical Week	29 (July 14 - 20)					
Male	Avg. Length		480.0	577.3	510.0	
	Std. Error		20.0	7.2		
	Sample Size		2	13	1	
Female	Avg. Length	545.0	525.0	562.7		570.0
	Std. Error		5.0	2.8		
	Sample Size	1	2	39		1
All Fish	Avg. Length	545.0	502.5	566.3	510.0	570.0
	Std. Error		15.5	2.9		
	Sample Size	1	4	52	1	1

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Appendix Table 93. Length composition of the Kakwan Point (lower Stikine River) test fishery catch of sockeye salmon by sex, age class, and sample period, 1985 (continued).

		Brood Year and Age Class				
		1981		1980		1979
		0.3	1.2	1.3	2.2	2.3
Statistical Week	30	(July 21 - 27)				
Male	Avg. Length		510.0	581.4	537.5	
	Std. Error			16.3	22.5	
	Sample Size		1	7	2	
Female	Avg. Length	550.0		559.4		
	Std. Error			4.8		
	Sample Size	1		8		
All Fish	Avg. Length	550.0	510.0	569.7	537.5	
	Std. Error			8.2	22.5	
	Sample Size	1	1	15	2	
Statistical Week	31	(July 28 - August 3)				
Male	Avg. Length	590.0	510.0	602.5		
	Std. Error			2.5		
	Sample Size	1	1	2		
Female	Avg. Length		495.0	558.8		
	Std. Error			11.5		
	Sample Size		1	8		
All Fish	Avg. Length	590.0	502.5	567.5		
	Std. Error		7.5	10.8		
	Sample Size	1	2	10		
Statistical Week	32	(August 4 - 10)				
Male	Avg. Length		450.0			
	Std. Error					
	Sample Size		1			
Female	Avg. Length	525.0				
	Std. Error					
	Sample Size	1				
All Fish	Avg. Length	525.0	450.0			
	Std. Error					
	Sample Size	1	1			
Statistical Week	33	(August 11 - 17)				
Male	Avg. Length			595.0		540.0
	Std. Error					
	Sample Size			1		1
Female	Avg. Length			563.3		
	Std. Error			19.2		
	Sample Size			3		
All Fish	Avg. Length			571.3		540.0
	Std. Error			15.7		
	Sample Size			4		1
Combined Periods (Unweighted)						
Male	Avg. Length	571.7	501.1	587.8	518.8	563.3
	Std. Error	20.9	9.8	2.7	14.8	18.6
	Sample Size	3	9	90	4	3
Female	Avg. Length	540.0	518.0	563.1	502.5	558.8
	Std. Error	7.6	8.2	1.5	7.5	4.6
	Sample Size	3	5	202	2	8
All Fish	Avg. Length	555.8	507.1	570.7	513.3	560.0
	Std. Error	12.2	7.1	1.5	10.1	5.5
	Sample Size	6	14	292	6	11

Appendix Table 94. Julian Slough escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class					

	1982	1981	1980	1979	
	-----	-----	-----	-----	
	0.2	0.3	1.3	2.3	Total

Sample Dates:	(September 15)				
Male					
Sample Number	4	13	3		20
Percent	8.7	28.3	6.5		43.5
Std. Error	4.2	6.7	3.7		7.4
Female					
Sample Number		18	7	1	26
Percent		39.1	15.2	2.2	56.5
Std. Error		7.3	5.4		7.4
All Fish					
Sample Number	4	31	10	1	46
Percent	8.7	67.4	21.7	2.2	100.0
Std. Error	4.2	7.0	6.1		

Appendix Table 95. Length composition of the Julian Slough escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class			
		1982	1981	1980	1979
		0.2	0.3	1.3	2.3
Sample Dates: (September 15)					
Male	Avg. Length	416.5	572.3	595.3	
	Std. Error	20.4	9.8	31.8	
	Sample Size	4	13	3	
Female	Avg. Length		537.9	555.4	538.0
	Std. Error		4.7	5.4	
	Sample Size		18	7	1
All Fish	Avg. Length	416.5	552.4	567.4	538.0
	Std. Error	20.4	5.8	10.9	
	Sample Size	4	31	10	1

Appendix Table 96. Jones Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class				
	1981	1980	1979	
	1.2	1.3	2.3	Total

Sample Dates:	(September 15)			
Male				
Sample Number	2	4	1	7
Percent	14.3	28.6	7.1	50.0
Std. Error	9.7	12.5		13.9
Female				
Sample Number	1	6		7
Percent	7.1	42.9		50.0
Std. Error		13.7		13.9
All Fish				
Sample Number	3	10	1	14
Percent	21.4	71.5	7.1	100.0
Std. Error	11.4	12.5		

Appendix Table 97. Length composition of the Jones Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class		
		1981	1980	1979
		1.2	1.3	2.3
Sample Dates: (September 15)				
Male	Avg. Length	438.0	579.3	576.0
	Std. Error	11.0	7.0	
	Sample Size	2	4	1
Female	Avg. Length	495.0	532.8	
	Std. Error		14.9	
	Sample Size	1	6	
All Fish	Avg. Length	457.0	551.4	576.0
	Std. Error	20.0	11.7	
	Sample Size	3	10	1

Appendix Table 98. Iskut River escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class							
		1981		1980		1979	Total
		0.3	1.2	1.3	2.2	2.3	

Sample Dates:	(August 10 - September 8)						
Male							
Sample Number	4	5	41	1	1	52	
Percent	3.1	3.9	32.0	0.8	0.8	40.6	
Std. Error	1.5	1.7	4.1			4.4	
Female							
Sample Number	13		57		6	76	
Percent	10.2		44.5		4.7	59.4	
Std. Error	2.7		4.4		1.9	4.4	
All Fish							
Sample Number	17	5	98	1	7	128	
Percent	13.3	3.9	76.5	0.8	5.5	100.0	
Std. Error	3.0	1.7	3.8		2.0		

Appendix Table 99. Length composition of the Iskut River escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1981		1980		1979
		0.3	1.2	1.3	2.2	2.3
Sample Dates: (August 10 - September 8)						
Male	Avg. Length	591.0	484.6	579.1	572.0	666.0
	Std. Error	9.4	18.7	6.2		
	Sample Size	4	5	41	1	1
Female	Avg. Length	570.1		572.1		566.0
	Std. Error	5.5		3.3		10.2
	Sample Size	13		57		6
All Fish	Avg. Length	575.0	484.6	575.0	572.0	580.3
	Std. Error	5.1	18.7	3.2		16.7
	Sample Size	17	5	98	1	7

Appendix Table 100. Scud River escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class				

	1981	1981	1980	
	-----	-----	-----	
	0.3	1.2	1.3	Total

Sample Dates:	(September 5)			
Male				
Sample Number	5	1	20	26
Percent	8.9	1.8	35.7	46.4
Std. Error	3.8		6.5	6.7
Female				
Sample Number	5		25	30
Percent	8.9		44.6	53.6
Std. Error	3.8		6.7	6.7
All Fish				
Sample Number	10	1	45	56
Percent	17.8	1.8	80.4	100.0
Std. Error	5.2		5.4	

Appendix Table 101. Length composition of the Scud River escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class		
		1981		1980
		0.3	1.2	1.3
Sample Dates: (September 5)				
Male	Avg. Length	608.6	504.0	574.6
	Std. Error	12.6		30.9
	Sample Size	5	1	20
Female	Avg. Length			
	Std. Error			
	Sample Size			
All Fish	Avg. Length	608.6	504.0	574.6
	Std. Error	12.6		30.9
	Sample Size	5	1	20

Appendix Table 102. Chutine River escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class				

	1981	1980	1979	
	-----	-----	-----	
	0.3	1.3	2.3	Total

Sample Dates:	(September 13)			
Male				
Sample Number	1	21		22
Percent	1.5	32.3		33.8
Std. Error		5.8		5.9
Female				
Sample Number	2	39	2	43
Percent	3.1	60.0	3.1	66.2
Std. Error	2.2	6.1	2.2	5.9
All Fish				
Sample Number	3	60	2	65
Percent	4.6	92.3	3.1	100.0
Std. Error	2.6	3.3	2.2	

Appendix Table 103. Length composition of the Chutine River escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class		
		1981	1980	1979
		0.3	1.3	2.3
Sample Dates: (September 13)				
Male	Avg. Length	584.0	578.0	
	Std. Error		4.0	
	Sample Size	1	21	
Female	Avg. Length	543.0	553.5	559.0
	Std. Error	20.0	3.4	14.0
	Sample Size	2	39	2
All Fish	Avg. Length	556.7	562.1	559.0
	Std. Error	17.9	3.0	14.0
	Sample Size	3	60	2

Appendix Table 104. Chutine Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class					

	1981	1980		1979	
	-----	-----	-----	-----	
	1.2	1.3	2.2	2.3	Total

Sample Dates:	(September 12)				
Male					
Sample Number	6	10	8	12	36
Percent	5.7	9.4	7.5	11.3	34.0
Std. Error	2.3	2.9	2.6	3.1	4.6
Female					
Sample Number	3	33	12	22	70
Percent	2.8	31.1	11.3	20.8	66.0
Std. Error	1.6	4.5	3.1	4.0	4.6
All Fish 1/					
Sample Number	10	44	22	36	112
Percent	8.9	39.4	19.6	32.1	100.0
Std. Error	2.7	4.6	3.8	4.4	

1/ Includes unsexed fish totals.

Appendix Table 105. Length composition of the Chutine Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class			
		1981	1980		1979
		1.2	1.3	2.2	2.3
Sample Dates: (September 12)					
Male	Avg. Length	477.7	575.8	501.1	572.0
	Std. Error	17.2	10.6	8.9	10.8
	Sample Size	6	10	8	12
Female	Avg. Length	504.0	552.7	507.2	531.6
	Std. Error	14.6	5.9	4.3	8.7
	Sample Size	3	33	12	22
All Fish 1/	Avg. Length	495.5	558.5	478.7	532.8
	Std. Error	14.5	5.2	23.3	16.9
	Sample Size	10	44	22	36

1/ Includes unsexed fish totals.

Appendix Table 106. Tahltan Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class				Total
	1981	1980		1979	
	1.2	1.3	2.2	2.3	
Escapement Dates:	(July 19 - August 1)				
Sample Dates:	(July 27 - August 1)				
Male					
Sample Number		313		3	316
Percent		56.3		0.5	56.8
Std. Error		2.1		0.3	2.1
Number		17312		166	17478
Female					
Sample Number	3	234		3	240
Percent	0.5	42.1		0.5	43.2
Std. Error	0.3	2.1		0.3	2.1
Number	166	12943		166	13275
All Fish					
Sample Number	3	547		6	556
Percent	0.5	98.4		1.1	100.0
Std. Error	0.3	0.5		0.4	
Number	166	30255		332	30753
Escapement Dates:	(August 2 - 5)				
Sample Dates:	(August 3 - 5)				
Male					
Sample Number	4	427	2	5	438
Percent	0.5	54.7	0.3	0.6	56.1
Std. Error	0.3	1.8	0.2	0.3	1.8
Number	133	14219	67	167	14586
Female					
Sample Number	16	315	1	11	343
Percent	2.0	40.3	0.1	1.4	43.9
Std. Error	0.5	1.8		0.4	1.8
Number	533	10490	33	366	11422
All Fish					
Sample Number	20	742	3	16	781
Percent	2.6	95.0	0.4	2.0	100.0
Std. Error	0.6	0.8	0.2	0.5	
Number	666	24709	100	533	26008
Escapement Dates:	(August 6 - 9)				
Sample Dates:	(August 6 - 9)				
Male					
Sample Number	1	258		3	262
Percent	0.2	49.4		0.6	50.2
Std. Error		2.2		0.3	2.2
Number	12	2993		35	3040
Female					
Sample Number	17	229	2	12	260
Percent	3.3	43.9	0.4	2.3	49.8
Std. Error	0.8	2.2	0.3	0.7	2.2
Number	197	2657	23	139	3016
All Fish					
Sample Number	18	487	2	15	522
Percent	3.4	93.3	0.4	2.9	100.0
Std. Error	0.8	1.1	0.3	0.7	
Number	209	5650	23	174	6056
Escapement Dates:	(August 10 - September 5)				
Sample Dates:	(August 10 - September 3)				
Male					
Sample Number	4	182		6	192
Percent	0.9	40.6		1.3	42.9
Std. Error	0.4	2.3		0.5	2.3
Number	40	1832		60	1932
Female					
Sample Number	49	179	7	21	256
Percent	10.9	40.0	1.6	4.7	57.1
Std. Error	1.5	2.3	0.6	1.0	2.3
Number	493	1802	70	212	2577
All Fish					
Sample Number	53	361	7	27	448
Percent	11.8	80.6	1.6	6.0	100.0
Std. Error	1.5	1.9	0.6	1.1	
Number	533	3634	70	272	4509
Combined Periods (Percentages are weighted by period escapements)					
Male					
Sample Number	9	1180	2	17	1208
Percent	0.3	54.0	0.1	0.6	55.0
Std. Error	0.1	1.2	0.1	0.2	1.2
Number	185	36356	67	428	37036
Female					
Sample Number	85	957	10	47	1099
Percent	2.1	41.4	0.2	1.3	45.0
Std. Error	0.3	1.2	0.1	0.2	1.2
Number	1389	27892	126	883	30290
All Fish					
Sample Number	94	2137	12	64	2307
Percent	2.4	95.4	0.3	1.9	100.0
Std. Error	0.3	0.4	0.1	0.3	
Number	1574	64248	193	1311	67326

Appendix Table 107. Daily and cumulative sockeye salmon weir counts from Tahltan Lake weir, 1985.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July	19	2	2	.00	.00
July	20	1	3	.00	.00
July	21	2	5	.00	.00
July	22	0	5	0.00	.00
July	23	0	5	0.00	.00
July	24	0	5	0.00	.00
July	25	0	5	0.00	.00
July	26	0	5	0.00	.00
July	27	4	9	.00	.00
July	28	0	9	0.00	.00
July	29	5649	5658	0.08	0.08
July	30	10408	16066	0.15	0.24
July	31	5022	21088	0.07	0.31
August	1	9665	30753	0.14	0.46
August	2	7602	38355	0.11	0.57
August	3	8125	46480	0.12	0.69
August	4	6271	52751	0.09	0.78
August	5	4010	56761	0.06	0.84
August	6	2446	59207	0.04	0.88
August	7	1810	61017	0.03	0.91
August	8	1161	62178	0.02	0.92
August	9	639	62817	0.01	0.93
August	10	316	63133	.00	0.94
August	11	701	63834	0.01	0.95
August	12	815	64649	0.01	0.96
August	13	381	65030	0.01	0.97
August	14	96	65126	.00	0.97
August	15	300	65426	.00	0.97
August	16	257	65683	.00	0.98
August	17	282	65965	.00	0.98
August	18	208	66173	.00	0.98
August	19	135	66308	.00	0.98
August	20	89	66397	.00	0.99
August	21	60	66457	.00	0.99
August	22	77	66534	.00	0.99
August	23	34	66568	.00	0.99
August	24	13	66581	.00	0.99
August	25	75	66656	.00	0.99
August	26	18	66674	.00	0.99
August	27	96	66770	.00	0.99
August	28	159	66929	.00	0.99
August	29	148	67077	.00	1.00
August	30	21	67098	.00	1.00
August	31	44	67142	.00	1.00
September	1	33	67175	.00	1.00
September	2	34	67209	.00	1.00
September	3	34	67243	.00	1.00
September	4	32	67275	.00	1.00
September	5	51	67326	.00	1.00
Mean Day of Migration = August 3				Variance = 22.94 Days squared	

Appendix Table 108. Falls Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class									Total
	1981		1980			1979		1978		
	1.2	2.1	1.3	2.2	3.1	2.3	3.2	2.4	3.3	
Escapement Dates: (June 30 - July 29)										
Sample Dates: (June 30 - July 29)										
Male										
Sample Number	2		56	35		131	9	2	12	247
Percent	0.5		12.9	8.1		30.1	2.1	0.5	2.7	56.9
Std. Error	0.3		1.6	1.3		2.2	0.7	0.3	0.8	2.4
Number	7		195	122		456	32	7	42	861
Female										
Sample Number	1		30	46		86	17	1	6	187
Percent	0.2		6.9	10.6		19.9	3.9	0.2	1.4	43.1
Std. Error	0.2		1.2	1.5		1.9	0.9	0.2	0.6	2.4
Number	3		105	160		300	59	3	21	651
All Fish										
Sample Number	3		86	81		217	26	3	18	434
Percent	0.7		19.8	18.7		50.0	6.0	0.7	4.1	
Std. Error	0.4		1.9	1.9		2.4	1.1	0.4	1.0	
Number	10		300	282		756	91	10	63	1512
Escapement Dates: (July 30 - August 19)										
Sample Dates: (July 30 - August 19)										
Male										
Sample Number	4	1	47	34	4	93	13	2	8	206
Percent	0.9	0.2	10.6	7.6	0.9	21.0	2.9	0.4	1.8	46.3
Std. Error	0.4	0.2	1.5	1.3	0.4	1.9	0.8	0.3	0.6	2.4
Number	10	2	116	84	10	230	32	5	20	509
Female										
Sample Number	8		34	84		77	27		9	239
Percent	1.8		7.6	18.9		17.3	6.1		2.0	53.7
Std. Error	0.6		1.3	1.9		1.8	1.1		0.7	2.4
Number	20		84	208		130	67		22	591
All Fish										
Sample Number	12	1	81	118	4	170	40	2	17	445
Percent	2.7	0.2	18.2	26.5	0.9	38.3	9.0	0.4	3.8	
Std. Error	0.8	0.2	1.8	2.1	0.4	2.3	1.4	0.3	0.9	
Number	30	2	200	292	10	420	99	5	42	1100
Combined Periods (Percentages are weighted by period escapements)										
Male										
Sample Number	6	1	103	69	4	224	22	4	20	453
Percent	0.6	0.1	11.9	7.9	0.3	26.3	2.4	0.5	2.4	42.4
Std. Error	0.3	0.1	1.1	0.9	0.2	1.5	0.5	0.2	0.5	1.7
Number	17	2	311	206	10	686	64	12	62	1370
Female										
Sample Number	9		64	130		163	44	1	15	426
Percent	0.9		7.2	14.1		18.8	4.8	0.1	1.7	47.6
Std. Error	0.3		0.9	1.2		1.3	0.7	0.1	0.4	1.7
Number	23		189	368		490	126	3	43	1242
All Fish										
Sample Number	15	1	167	199	4	387	66	5	35	879
Percent	1.5	0.1	19.1	22.0	0.3	45.0	7.3	0.6	4.1	
Std. Error	0.4	0.1	1.4	1.4	0.2	1.7	0.9	0.3	0.7	
Number	40	2	500	574	10	1176	190	15	105	2612

Appendix Table 109. Length composition of the Falls Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class								
		1981		1980			1979		1978	1978
		1.2	2.1	1.3	2.2	3.1	2.3	3.2	3.3	2.4
Escapement Dates: (June 30 - July 29)										
Sample Dates: (June 30 - July 29)										
Male	Avg. Length	486.0		551.6	485.6		552.7	496.7	580.0	554.1
	Std. Error	1.0		2.7	3.2		1.9	7.5	6.0	6.5
	Sample Size	2		56	35		131	9	2	12
Female	Avg. Length	498.0		552.4	484.9		557.5	492.1	577.0	534.3
	Std. Error			2.8	3.3		1.9	5.5		6.7
	Sample Size	1		30	46		86	17	1	6
All Fish	Avg. Length	490.0		551.9	485.2		554.6	493.7	579.0	547.5
	Std. Error	4.0		2.0	2.3		1.4	4.4	3.6	5.2
	Sample Size	3		86	81		217	26	3	18
Escapement Dates: (July 30 - August 19)										
Sample Dates: (July 30 - August 19)										
Male	Avg. Length	504.3	385.0	549.4	489.4	375.8	552.5	485.1	530.5	543.3
	Std. Error	12.0		2.7	4.8	20.6	2.0	6.5	17.5	9.6
	Sample Size	4	1	47	34	4	93	13	2	8
Female	Avg. Length	473.0		547.8	483.0		546.8	479.0		537.3
	Std. Error	7.0		2.8	2.0		2.7	3.2		3.1
	Sample Size	8		34	84		77	27		9
All Fish	Avg. Length	483.4	385.0	548.7	484.8	375.8	549.9	481.0	530.5	540.1
	Std. Error	7.3		1.9	2.0	20.6	1.7	3.0	17.5	4.7
	Sample Size	12	1	81	118	4	170	40	2	17
Combined Periods (Unweighted)										
Male	Avg. Length	498.2	385.0	550.6	487.5	375.8	552.6	489.8	555.3	549.8
	Std. Error	8.5		1.9	2.8	20.6	1.4	4.9	16.2	5.4
	Sample Size	6	1	103	69	4	224	22	4	20
Female	Avg. Length	475.8		550.0	483.7		552.4	484.1	577.0	536.1
	Std. Error	6.8		2.0	1.7		1.7	3.0		3.1
	Sample Size	9		64	130		163	44	1	15
All Fish	Avg. Length	484.7	385.0	550.3	485.0	375.8	552.5	486.0	559.6	543.9
	Std. Error	5.9		1.4	1.5	20.6	1.1	2.6	13.3	3.5
	Sample Size	15	1	167	199	4	387	66	5	35

Appendix Table 110. Daily and cumulative sockeye salmon weir counts from Falls Lake weir, 1985.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June	30	17	17	0.01
July	1	8	25	.00
July	2	8	33	.00
July	3	2	35	.00
July	4	0	35	0.00
July	5	1	36	.00
July	6	6	42	.00
July	7	6	48	.00
July	8	5	53	.00
July	9	1	54	.00
July	10	24	78	0.01
July	11	12	90	.00
July	12	17	107	0.01
July	13	19	126	0.01
July	14	20	146	0.01
July	15	28	174	0.01
July	16	35	209	0.01
July	17	191	400	0.07
July	18	121	521	0.05
July	19	95	616	0.04
July	20	167	783	0.06
July	21	238	1021	0.09
July	22	78	1099	0.03
July	23	131	1230	0.05
July	24	65	1295	0.02
July	25	68	1363	0.03
July	26	47	1410	0.02
July	27	43	1453	0.02
July	28	8	1461	.00
July	29	51	1512	0.02
July	30	88	1600	0.03
July	31	108	1708	0.04
August	1	106	1814	0.04
August	2	140	1954	0.05
August	3	99	2053	0.04
August	4	72	2125	0.03
August	5	74	2199	0.03
August	6	47	2246	0.02
August	7	53	2299	0.02
August	8	46	2345	0.02
August	9	60	2405	0.02
August	10	22	2427	0.01
August	11	44	2471	0.02
August	12	19	2490	0.01
August	13	5	2495	.00
August	14	42	2537	0.02
August	15	25	2562	0.01
August	16	22	2584	0.01
August	17	15	2599	0.01
August	18	8	2607	.00
August	19	5	2612	.00
Mean Day of Migration = July 27			Variance = 90.37 Days squared	

Appendix Table 111. Kutlaku Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

----- Brood Year and Age Class -----						
	1982	1981		1980		
	1.1	1.2	2.1	1.3	2.2	Total

Sample Dates:	(September 7 - 8)					
Male						
Sample Number	85	100	9	56	4	254
Percent	20.6	24.1	2.2	13.6	1.0	61.5
Std. Error	2.0	2.1	0.7	1.7	0.5	2.4
Female						
Sample Number	2	71		81	5	159
Percent	0.5	17.2		19.6	1.2	38.5
Std. Error	0.3	1.9		2.0	0.5	2.4
All Fish						
Sample Number	87	171	9	137	9	413
Percent	21.1	41.3	2.2	33.2	2.2	
Std. Error	2.0	2.4	0.7	2.3	0.7	

Appendix Table 112. Length composition of the Kutlaku Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1982	1981		1980	
		1.1	1.2	2.1	1.3	2.2
Sample Dates: (September 7 - 8)						
Male	Avg. Length	328.7	446.0	331.7	530.5	475.0
	Std. Error	4.3	8.3	3.8	2.6	13.2
	Sample Size	85	100	9	56	4
Female	Avg. Length	330.0	456.0		511.3	455.0
	Std. Error	10.0	7.1		2.2	13.2
	Sample Size	2	71		81	5
All Fish	Avg. Length	328.7	450.1	331.7	519.2	463.9
	Std. Error	4.2	5.7	3.8	1.9	9.5
	Sample Size	87	171	9	137	9

Appendix Table 113. Windfall Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class					

	1982	1981	1980		
	-----	-----	-----	-----	
	1.1	1.2	1.3	2.2	Total

Sample Dates:	(July 6 - 18)				
Male					
Sample Number	1	1	10		12
Percent	2.9	2.9	29.4		35.3
Std. Error			7.9		8.3
Female					
Sample Number		2	19	1	22
Percent		5.9	55.9	2.9	64.7
Std. Error		4.1	8.6		8.3
All Fish					
Sample Number	1	3	29	1	34
Percent	2.9	8.8	85.4	2.9	100.0
Std. Error		4.9	6.2		

Appendix Table 114. Length composition of the Windfall Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class			
		1982	1981	1980	
		1.1	1.2	1.3	2.2
Sample Dates: (July 6 - 18)					
Male	Avg. Length	315.0	490.0	612.0	
	Std. Error			9.3	
	Sample Size	1	1	10	
Female	Avg. Length		512.5	562.6	540.0
	Std. Error		17.5	5.4	
	Sample Size		2	19	1
All Fish	Avg. Length	315.0	505.0	579.7	540.0
	Std. Error		12.6	6.4	
	Sample Size	1	3	29	1

Appendix Table 115. Taku River (Canyon Island) escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class														
1983		1982		1981			1980			1979		1978		Total
0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4			
Escapement Dates: (June 16 - 29)														
Sample Dates: (June 16 - 29)														
Male														
Sample Number		1		23		1	92	5		1			123	
Percent		0.4		8.6		0.4	34.3	1.9		0.4			45.9	
Std. Error				1.7			2.9	0.8					3.0	
Number		47		1091		47	4364	237		48			5834	
Female														
Sample Number				22			110	7	3	3			145	
Percent				8.2			41.0	2.6	1.1	1.1			54.1	
Std. Error				1.7			3.0	1.0	0.6	0.6			3.0	
Number				1044			5218	332	142	142			6878	
All Fish														
Sample Number		1		45		1	202	12	3	4			268	
Percent		0.4		16.8		0.4	75.3	4.5	1.1	1.5			100.0	
Std. Error				2.3			2.6	1.3	0.6	0.7				
Number		47		2135		47	9582	569	142	190			12712	
Escapement Dates: (June 30 - July 13)														
Sample Dates: (June 30 - July 13)														
Male														
Sample Number		7		1	71	1	1	208	9	2	14		314	
Percent		1.3		0.2	13.3	0.2	0.2	39.0	1.7	0.4	2.6		58.9	
Std. Error		0.5			1.5			2.1	0.6	0.3	0.7		2.1	
Number		355		51	3598	51	51	10541	456	101	709		15913	
Female														
Sample Number		1		2	37			162	10	4	3		219	
Percent		0.2		0.4	6.9			30.4	1.9	0.8	0.6		41.1	
Std. Error				0.3	1.1			2.0	0.6	0.4	0.3		2.1	
Number		51		101	1875			8210	507	203	151		11098	
All Fish														
Sample Number		8		3	108	1	1	370	19	6	17		533	
Percent		1.5		0.6	20.2	0.2	0.2	69.4	3.6	1.1	3.2		100.0	
Std. Error		0.5		0.3	1.7			2.0	0.8	0.5	0.8			
Number		406		152	5473	51	51	18751	963	304	860		27011	
Escapement Dates: (July 14 - 27)														
Sample Dates: (July 14 - 27)														
Male														
Sample Number		21	3	10	55	3		145	12	3	8		260	
Percent		5.0	0.7	2.4	13.2	0.7		34.8	2.9	0.7	1.9		62.4	
Std. Error		1.1	0.4	0.8	1.7	0.4		2.3	0.8	0.4	0.7		2.4	
Number		1125	161	536	2948	161		7772	643	161	429		13936	
Female														
Sample Number		3		6	18			105	6		19		157	
Percent		0.7		1.4	4.3			25.2	1.4		4.6		37.6	
Std. Error		0.4		0.6	1.0			2.1	0.6		1.0		2.4	
Number		161		322	965			5628	322		1018		8416	
All Fish														
Sample Number		24	3	16	73	3		250	18	3	27		417	
Percent		5.8	0.7	3.8	17.5	0.7		60.0	4.3	0.7	6.5		100.0	
Std. Error		1.1	0.4	0.9	1.9	0.4		2.4	1.0	0.4	1.2			
Number		1286	161	858	3913	161		13400	965	161	1447		22352	
Escapement Dates: (July 28 - August 3)														
Sample Dates: (July 28 - August 3)														
Male														
Sample Number	5	48	28	14	51	2	2	77	13		13		253	
Percent	1.2	11.5	6.7	3.4	12.2	0.5	0.5	18.5	3.1		3.1		60.7	
Std. Error	0.5	1.6	1.2	0.9	1.6	0.3	0.3	1.9	0.9		0.9		2.4	
Number	215	2066	1205	603	2196	86	86	3315	560		560		10892	
Female														
Sample Number		3		18	25		1	96	14		7		164	
Percent		0.7		4.3	6.0		0.2	23.0	3.4		1.7		39.3	
Std. Error		0.4		1.0	1.2			2.1	0.9		0.6		2.4	
Number		129		775	1076		43	4133	603		301		7060	
All Fish														
Sample Number	5	51	28	32	76	2	3	173	27		20		417	
Percent	1.2	12.2	6.7	7.7	18.2	0.5	0.7	41.5	6.5		4.8		100.0	
Std. Error	0.5	1.6	1.2	1.3	1.9	0.3	0.4	2.4	1.2		1.0			
Number	215	2195	1205	1378	3272	86	129	7448	1163		861		17952	

-Continued-

Appendix Table 115. Taku River (Canyon Island) escapement of sockeye salmon, sex and age class by escapement period, 1985 (continued).

Brood Year and Age Class													
	1983		1982		1981		1980		1979		1978		
	0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	Total
Escapement Dates:	(August 4 - 10)												
Sample Dates:	(August 4 - 10)												
Male													
Sample Number	1	28	25	6	26	1		62	7		9	1	166
Percent	0.3	8.4	7.5	1.8	7.8	0.3		18.5	2.1		2.7	0.3	49.6
Std. Error		1.5	1.4	0.7	1.5			2.1	0.8		0.9		2.7
Number	43	1203	1074	258	1117	43		2663	301		387	43	7132
Female													
Sample Number		5		14	28		1	88	19	3	11		169
Percent		1.5		4.2	8.4		0.3	26.3	5.7	0.9	3.3		50.4
Std. Error		0.7		1.1	1.5			2.4	1.3	0.5	1.0		2.7
Number		215		601	1203		43	3781	816	129	472		7260
All Fish													
Sample Number	1	33	25	20	54	1	1	150	26	3	20	1	335
Percent	0.3	9.9	7.5	6.0	16.1	0.3	0.3	44.8	7.8	0.9	6.0	0.3	100.0
Std. Error		1.6	1.4	1.3	2.0			2.7	1.5	0.5	1.3		
Number	43	1418	1074	859	2320	43	43	6444	1117	129	859	43	14392
Escapement Dates: (August 11 - September 20)													
Sample Dates: (August 11 - September 18)													
Male													
Sample Number	1	25	41	10	24	2	1	64	31	1	15		215
Percent	0.2	5.4	8.8	2.1	5.2	0.4	0.2	13.7	6.7	0.2	3.2		46.1
Std. Error		1.0	1.3	0.7	1.0	0.3		1.6	1.2		0.8		2.3
Number	51	1273	2089	510	1223	102	51	3260	1579	51	764		10953
Female													
Sample Number		4	1	15	36		1	102	78		14		251
Percent		0.9	0.2	3.2	7.7		0.2	21.9	16.7		3.0		53.9
Std. Error		0.4		0.8	1.2			1.9	1.7		0.8		2.3
Number		204	51	764	1834		51	5197	3974		713		12788
All Fish													
Sample Number	1	29	42	25	60	2	2	166	109	1	29		466
Percent	0.2	6.2	9.0	5.4	12.9	0.4	0.4	35.6	23.4	0.2	6.2		100.0
Std. Error		1.1	1.3	1.0	1.6	0.3	0.3	2.2	2.0		1.1		
Number	51	1477	2140	1274	3057	102	102	8457	5553	51	1477		23741
Combined Periods (Percentages are weighted by period escapements)													
Male													
Sample Number	7	129	98	41	250	9	5	648	77	6	60	1	1331
Percent	0.3	5.1	3.9	1.7	10.3	0.4	0.2	27.0	3.2	0.3	2.5	<0.1	54.7
Std. Error	0.1	0.4	0.4	0.3	0.6	0.1	0.1	0.9	0.4	0.1	0.3		1.0
Number	309	6022	4576	1958	12173	443	235	31915	3776	313	2897	43	64660
Female													
Sample Number		16	1	55	166		3	663	134	10	57		1105
Percent		0.6	<0.1	2.2	6.8		0.1	27.2	5.5	0.4	2.4		45.3
Std. Error		0.2		0.3	0.5		0.1	0.9	0.5	0.1	0.3		1.0
Number		760	51	2563	7997		137	32167	6554	474	2797		53500
All Fish													
Sample Number	7	145	99	96	416	9	8	1311	211	16	117	1	2436
Percent	0.3	5.7	3.9	3.8	17.1	0.4	0.3	54.2	8.7	0.7	4.8	<0.1	100.0
Std. Error	0.1	0.5	0.4	0.4	0.8	0.1	0.1	1.0	0.6	0.2	0.4		
Number	309	6782	4627	4521	20170	443	372	64082	10330	787	5694	43	118160

1/ Canadian commercial and test fisheries located upriver from Canyon Island harvested 14,244 and 28 sockeye salmon, respectively, reducing the Taku River escapement to an estimated 103,888 fish.

Appendix Table 116. Length composition of the Taku River (Canyon Island) escapement catch of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class												
		1983		1982		1981			1980			1979		1978
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Escapement Dates: (June 16 - 29)														
Sample Dates: (June 16 - 29)														
Male	Avg. Length			320.0		480.0		610.0	584.6	481.0			600.0	
	Std. Error					7.4			3.3	17.7				
	Sample Size			1		22		1	92	5			1	
Female	Avg. Length					495.7			565.7	496.4	605.0	565.0		
	Std. Error					5.1			2.8	9.2	8.7	10.0		
	Sample Size					21			109	7	3	3		
All Fish	Avg. Length			320.0		487.7		610.0	574.3	490.0	605.0	573.8		
	Std. Error					4.6			2.2	8.9	8.7	11.3		
	Sample Size			1		43		1	201	12	3	4		
Escapement Dates: (June 30 - July 13)														
Sample Dates: (June 30 - July 13)														
Male	Avg. Length		453.6		510.0	486.9	395.0	615.0	589.7	494.4	627.5	605.7		
	Std. Error		5.1			4.5			2.0	12.1	22.5	5.5		
	Sample Size		7		1	71	1	1	206	9	2	14		
Female	Avg. Length		440.0		560.0	501.8			562.8	493.5	592.5	575.0		
	Std. Error				15.0	4.5			1.8	11.3	11.8	12.6		
	Sample Size		1		2	37			162	10	4	3		
All Fish	Avg. Length		451.9		543.3	492.0	395.0	615.0	577.9	493.9	604.2	600.3		
	Std. Error		4.7		18.8	3.4			1.5	8.0	12.0	5.7		
	Sample Size		8		3	108	1	1	368	19	6	17		
Escapement Dates: (July 14 - 27)														
Sample Dates: (July 14 - 27)														
Male	Avg. Length		465.7	341.7	574.0	466.8	340.0		590.7	482.1	616.7	597.5		
	Std. Error		4.1	7.3	11.9	4.0	7.6		2.7	11.9	8.8	8.3		
	Sample Size		21	3	10	55	3		144	12	3	8		
Female	Avg. Length		473.3		580.0	494.4			564.4	502.5		570.0		
	Std. Error		26.8		5.3	8.2			2.4	13.5		7.1		
	Sample Size		3		6	18			104	6		19		
All Fish	Avg. Length		466.7	341.7	576.3	473.6	340.0		579.6	488.9	616.7	578.1		
	Std. Error		4.6	7.3	7.6	3.9	7.6		2.0	9.2	8.8	6.0		
	Sample Size		24	3	16	73	3		248	18	3	27		
Escapement Dates: (July 28 - August 3)														
Sample Dates: (July 28 - August 3)														
Male	Avg. Length	310.0	453.3	337.3	577.9	462.3	362.5	555.0	599.3	506.2		624.2		
	Std. Error	9.4	3.5	5.6	7.4	6.5	32.5	95.0	3.7	14.6		9.4		
	Sample Size	5	48	28	14	49	2	2	76	13		13		
Female	Avg. Length		475.0		569.8	504.4		585.0	572.2	504.3		565.0		
	Std. Error		20.2		5.0	7.4			2.2	8.5		10.7		
	Sample Size		3		18	25		1	96	14		7		
All Fish	Avg. Length	310.0	454.6	337.3	573.3	476.6	362.5	565.0	584.2	505.2		603.5		
	Std. Error	9.4	3.5	5.6	4.3	5.5	32.5	55.8	2.3	8.1		9.5		
	Sample Size	5	51	28	32	74	2	3	172	27		20		
Escapement Dates: (August 4 - 10)														
Sample Dates: (August 4 - 10)														
Male	Avg. Length	305.0	450.0	337.4	596.7	480.0	355.0		604.7	502.9		602.2	625.0	
	Std. Error		4.9	3.6	5.1	9.5			3.3	17.3		8.4		
	Sample Size	1	28	25	6	26	1		62	7		9	1	
Female	Avg. Length		497.0		563.6	497.5		590.0	565.1	520.0	555.0	578.2		
	Std. Error		14.9		6.0	9.1			3.1	4.9	12.6	5.1		
	Sample Size		5		14	28		1	88	19	3	11		
All Fish	Avg. Length	305.0	457.1	337.4	573.5	489.1	355.0	590.0	581.5	515.4	555.0	589.0	625.0	
	Std. Error		5.5	3.6	5.6	6.6			2.8	5.9	12.6	5.3		
	Sample Size	1	33	25	20	54	1	1	150	26	3	20	1	
Escapement Dates: (August 11 - September 20)														
Sample Dates: (August 11 - September 18)														
Male	Avg. Length	305.0	449.4	340.5	552.0	477.7	427.5	620.0	591.9	534.2	605.0	598.7		
	Std. Error		6.3	5.7	28.3	7.4	102.5		4.4	7.5		5.6		
	Sample Size	1	25	41	10	24	2	1	64	31	1	15		
Female	Avg. Length		493.8	385.0	561.3	507.5		595.0	566.9	511.7		578.6		
	Std. Error		5.5		6.4	4.3			2.6	2.2		7.0		
	Sample Size		4	1	15	36		1	102	78		14		
All Fish	Avg. Length	305.0	455.5	341.5	557.6	495.6	427.5	607.5	576.5	518.1	605.0	589.0		
	Std. Error		6.2	5.7	11.7	4.3	102.5	12.5	2.5	2.8		4.8		
	Sample Size	1	29	42	25	60	2	2	166	109	1	29		
Combined Periods (Unweighted)														
Male	Avg. Length	308.6	453.9	338.6	571.7	475.3	372.2	591.0	592.0	510.4	618.3	606.3	625.0	
	Std. Error	6.5	2.2	3.0	8.1	2.5	21.6	33.5	1.2	5.4	7.8	3.4		
	Sample Size	7	129	98	41	247	9	5	644	77	6	60	1	
Female	Avg. Length		484.1	385.0	566.7	501.1		590.0	565.8	509.5	585.0	573.1		
	Std. Error		8.0		3.0	2.6		2.9	1.0	2.1	8.9	3.4		
	Sample Size		16	1	55	165		3	661	134	10	57		
All Fish	Avg. Length	308.6	457.2	339.1	568.8	485.7	372.2	590.6	578.7	509.8	597.5	590.1	625.0	
	Std. Error	6.5	2.3	3.0	3.8	1.9	21.6	20.0	0.9	2.4	7.4	2.8		
	Sample Size	7	145	99	96	412	9	8	1305	211	16	117		

Appendix Table 117. Daily and cumulative Taku River (Canyon Island) sockeye salmon fishwheel catches and CPUE, 1985.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion	Daily CPUE	Daily Proportion (CPUE)	Cumulative Proportion (CPUE)
June 16	1	1	.00	.00	0.100	0.0010	0.0010
June 17	1	2	.00	.00	0.042	0.0004	0.0015
June 18	3	5	.00	.00	0.125	0.0013	0.0028
June 19	5	10	.00	.00	0.182	0.0019	0.0047
June 20	8	18	.00	.00	0.348	0.0036	0.0084
June 21	18	36	.01	0.01	0.857	0.0090	0.0173
June 22	34	70	0.01	0.02	0.872	0.0091	0.0265
June 23	46	116	0.01	0.03	0.742	0.0078	0.0343
June 24	65	181	0.02	0.05	1.806	0.0189	0.0532
June 25	36	217	0.01	0.06	1.220	0.0128	0.0660
June 26	84	301	0.02	0.08	2.000	0.0210	0.0870
June 27	34	335	0.01	0.09	0.773	0.0081	0.0951
June 28	28	363	0.01	0.10	0.636	0.0067	0.1017
June 29	38	401	0.01	0.11	0.559	0.0059	0.1076
June 30	39	440	0.01	0.12	0.940	0.0099	0.1174
July 1	0	440	0.00	0.12	0.000	0.0000	0.1174
July 2	3	443	.00	0.12	0.097	0.0010	0.1185
July 3	47	490	0.01	0.14	1.175	0.0123	0.1308
July 4	122	612	0.03	0.17	3.486	0.0365	0.1673
July 5	92	704	0.03	0.20	2.706	0.0284	0.1957
July 6	98	802	0.03	0.22	2.333	0.0245	0.2202
July 7	94	896	0.03	0.25	2.238	0.0235	0.2436
July 8	141	1037	0.04	0.29	3.711	0.0389	0.2825
July 9	66	1103	0.02	0.31	0.692	0.0177	0.3003
July 10	1	1104	.00	0.31	0.167	0.0018	0.3020
July 11	0	1104	0.00	0.31	0.000	0.0000	0.3020
July 12	17	1121	0.00	0.31	1.545	0.0162	0.3182
July 13	48	1169	0.01	0.32	1.714	0.0180	0.3362
July 14	95	1264	0.03	0.35	2.375	0.0249	0.3611
July 15	71	1335	0.02	0.37	1.821	0.0191	0.3802
July 16	57	1392	0.02	0.39	1.462	0.0153	0.3955
July 17	29	1421	0.01	0.39	0.744	0.0078	0.4033
July 18	29	1450	0.01	0.40	1.450	0.0152	0.4185
July 19	13	1463	.00	0.41	0.650	0.0068	0.4253
July 20	29	1492	0.01	0.41	1.036	0.0109	0.4362
July 21	67	1559	0.02	0.43	1.718	0.0180	0.4542
July 22	53	1612	0.01	0.45	1.359	0.0142	0.4685
July 23	90	1702	0.02	0.47	2.250	0.0236	0.4920
July 24	50	1752	0.01	0.49	1.429	0.0150	0.5070
July 25	17	1769	.00	0.49	1.030	0.0108	0.5178
July 26	27	1796	0.01	0.50	0.720	0.0075	0.5254
July 27	0	1796	0.00	0.50	0.000	0.0000	0.5254
July 28	45	1841	0.01	0.51	1.748	0.0183	0.5437
July 29	84	1925	0.02	0.53	2.000	0.0210	0.5647
July 30	94	2019	0.03	0.56	2.410	0.0253	0.5899
July 31	111	2130	0.03	0.59	2.643	0.0277	0.6176
Aug. 1	101	2231	0.03	0.62	2.448	0.0252	0.6428
Aug. 2	54	2285	0.01	0.63	1.286	0.0135	0.6563
Aug. 3	84	2369	0.02	0.66	2.000	0.0210	0.6773
Aug. 4	74	2443	0.02	0.68	1.762	0.0185	0.6958
Aug. 5	61	2504	0.02	0.70	1.452	0.0152	0.7110
Aug. 6	66	2570	0.02	0.71	1.571	0.0165	0.7275
Aug. 7	106	2676	0.03	0.74	3.212	0.0337	0.7612
Aug. 8	31	2707	0.01	0.75	1.000	0.0105	0.7716
Aug. 9	44	2751	0.01	0.76	1.000	0.0105	0.7821
Aug. 10	68	2819	0.02	0.78	1.619	0.0170	0.7991
Aug. 11	139	2958	0.04	0.82	3.564	0.0374	0.8365
Aug. 12	67	3025	0.02	0.84	1.971	0.0207	0.8571
Aug. 13	74	3099	0.02	0.86	1.721	0.0180	0.8752
Aug. 14	91	3190	0.03	0.89	2.275	0.0239	0.8990
Aug. 15	28	3218	0.01	0.89	0.903	0.0095	0.9085
Aug. 16	50	3268	0.01	0.91	1.149	0.0120	0.9205
Aug. 17	36	3304	0.01	0.92	0.828	0.0087	0.9292
Aug. 18	32	3336	0.01	0.93	0.744	0.0078	0.9370
Aug. 19	37	3373	0.01	0.93	0.628	0.0066	0.9436
Aug. 20	33	3396	0.01	0.94	0.742	0.0078	0.9514
Aug. 21	23	3419	0.01	0.95	0.517	0.0054	0.9568
Aug. 22	23	3442	0.01	0.96	0.517	0.0054	0.9622
Aug. 23	36	3478	0.01	0.97	0.837	0.0088	0.9710
Aug. 24	31	3509	0.01	0.97	0.705	0.0074	0.9784
Aug. 25	21	3530	0.01	0.98	0.472	0.0049	0.9833
Aug. 26	14	3544	.00	0.98	0.308	0.0032	0.9866
Aug. 27	3	3547	.00	0.99	0.065	0.0007	0.9873
Aug. 28	4	3551	.00	0.99	0.086	0.0009	0.9882
Aug. 29	10	3561	.00	0.99	0.215	0.0023	0.9904
Aug. 30	5	3566	.00	0.99	0.108	0.0011	0.9915
Aug. 31	3	3569	.00	0.99	0.065	0.0007	0.9922
Sept. 1	5	3574	.00	0.99	0.125	0.0013	0.9935
Sept. 2	3	3577	.00	0.99	0.065	0.0007	0.9942
Sept. 3	5	3582	.00	0.99	0.111	0.0012	0.9954
Sept. 4	2	3584	.00	1.00	0.044	0.0005	0.9958
Sept. 5	6	3589	.00	1.00	0.108	0.0011	0.9970
Sept. 6	6	3595	.00	1.00	0.138	0.0014	0.9984
Sept. 7	0	3595	0.00	1.00	0.000	0.0000	0.9984
Sept. 8	0	3595	0.00	1.00	0.000	0.0000	0.9984
Sept. 9	0	3595	0.00	1.00	0.000	0.0000	0.9984
Sept. 10	2	3597	0.00	1.00	0.053	0.0006	0.9990
Sept. 11	1	3598	.00	1.00	0.023	0.0003	0.9993
Sept. 12	1	3599	.00	1.00	0.023	0.0003	0.9995
Sept. 13	0	3599	0.00	1.00	0.000	0.0000	0.9995
Sept. 14	0	3599	0.00	1.00	0.000	0.0000	0.9995
Sept. 15	0	3599	0.00	1.00	0.000	0.0000	0.9995
Sept. 16	0	3599	0.00	1.00	0.000	0.0000	0.9995
Sept. 17	0	3599	0.00	1.00	0.000	0.0000	0.9995
Sept. 18	0	3599	0.00	1.00	0.000	0.0000	0.9995
Sept. 19	0	3599	0.00	1.00	0.000	0.0000	0.9995
Sept. 20	2	3601	.00	1.00	2.000	0.0210	1.0000

Appendix Table 118. South Fork Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class						Total
	1982		1981		1980	1979	
	0.2	1.1	0.3	1.2	1.3	2.3	
Sample Dates: (September 20 - 22)							
Male							
Sample Number	6	1	4	9	25		45
Percent	6.6	1.1	4.4	9.9	27.5		49.5
Std. Error	2.6	1.1	2.2	3.1	4.7		5.3
Female							
Sample Number	1		10		34	1	46
Percent	1.1		11.0		37.3	1.1	50.5
Std. Error	1.1		3.3		5.1	1.1	5.3
All Fish							
Sample Number	7	1	14	9	59	1	91
Percent	7.7	1.1	15.4	9.9	64.8	1.1	
Std. Error	2.8	1.1	3.8	3.1	5.0	1.1	

Appendix Table 119. Length composition of the South Fork escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class					
		1982		1981		1980	1979
		0.2	1.1	0.3	1.2	1.3	2.3
Sample Dates: (September 20 - 22)							
Male	Avg. Length	456.7	280.0	558.8	467.2	598.8	
	Std. Error	5.1		18.1	8.5	6.4	
	Sample Size	6	1	4	9	25	
Female	Avg. Length	445.0		532.8		565.6	595.0
	Std. Error			21.2		4.3	
	Sample Size	1		10		34	1
All Fish	Avg. Length	455.0	280.0	540.2	467.2	579.7	595.0
	Std. Error	4.6		15.9	8.5	4.2	
	Sample Size	7	1	14	9	59	1

Appendix Table 120. Tuskwa Slough escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class							
		1982		1981		1980	Total
		0.2	1.1	0.3	1.2	1.3	
Sample Dates: (October 8)							
Male							
Sample Number	21	8	6	15	14	64	
Percent	21.7	8.2	6.2	15.5	14.4	66.0	
Std. Error	4.2	2.8	2.5	3.7	3.6	4.8	
Female							
Sample Number	3		8		22	33	
Percent	3.1		8.2		22.7	34.0	
Std. Error	1.8		2.8		4.3	4.8	
All Fish							
Sample Number	24	8	14	15	36	97	
Percent	24.8	8.2	14.4	15.5	37.1		
Std. Error	4.4	2.8	3.6	3.7	4.9		

Appendix Table 121. Length composition of the Tuskwa Slough escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1982		1981		1980
		0.2	1.1	0.3	1.2	1.3
Sample Dates: (October 8)						
Male	Avg. Length	433.8	330.6	559.2	442.7	553.9
	Std. Error	2.8	3.7	15.2	5.7	42.8
	Sample Size	21	8	6	15	14
Female	Avg. Length	456.7		543.1		541.6
	Std. Error	28.5		7.3		5.8
	Sample Size	3		8		22
All Fish	Avg. Length	436.7	330.6	550.0	442.7	546.4
	Std. Error	4.1	3.7	7.7	5.7	16.7
	Sample Size	24	8	14	15	36

Appendix Table 122. Nakina River escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class						
	1982	1981		1980		1979	
	0.2	0.3	1.2	1.3	2.2	1.4	Total
Sample Dates: (August 2 - 27)							
Male							
Sample Number	10	3	23	150	3	1	190
Percent	2.6	0.8	6.0	39.4	0.8	0.3	49.9
Std. Error	0.8	0.5	1.2	2.5	0.5	0.3	2.6
Female							
Sample Number	1	2	31	146	11		191
Percent	0.3	0.5	8.1	38.3	2.9		50.1
Std. Error	0.3	0.4	1.4	2.5	0.9		2.6
All Fish							
Sample Number	11	5	54	296	14	1	381
Percent	2.9	1.3	14.1	77.7	3.7	0.3	
Std. Error	0.9	0.6	1.8	2.1	1.0	0.3	

Appendix Table 123. Length composition of the Nakina River escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class					
		1982	1981		1980		1979
		0.2	0.3	1.2	1.3	2.2	1.4
Sample Dates: (August 2 - 27)							
Male	Avg. Length	434.0	608.3	467.6	582.8	450.0	630.0
	Std. Error	7.4	4.4	7.7	1.9	22.5	
	Sample Size	10	3	23	150	3	1
Female	Avg. Length	470.0	497.5	484.7	552.6	477.7	
	Std. Error		32.5	5.8	2.0	5.7	
	Sample Size	1	2	31	146	11	
All Fish	Avg. Length	437.3	564.0	477.4	567.9	471.8	630.0
	Std. Error	7.5	29.1	4.8	1.6	6.8	
	Sample Size	11	5	54	296	14	1

Appendix Table 124. Little Trapper Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class						

	1981	1980		1979		Total
	1.2	1.3	2.2	1.4	2.3	

Escapement Dates:	(August 2 - 11)					
Sample Dates:	(August 2 - 11)					
Male						
Sample Number	65	343	10	5	17	440
Percent	9.6	50.8	1.5	0.8	2.6	65.3
Std. Error	1.1	1.9	0.5	0.3	0.6	1.8
Number	760	4010	117	58	199	5144
Female						
Sample Number	6	212	2	3	11	234
Percent	0.9	31.5	0.3	0.4	1.6	34.7
Std. Error	0.4	1.8	0.2	0.3	0.5	1.8
Number	70	2479	23	35	129	2736
All Fish						
Sample Number	71	555	12	8	28	674
Percent	10.5	82.3	1.8	1.2	4.2	
Std. Error	1.2	1.5	0.5	0.4	0.8	
Number	830	6489	140	94	327	7880

Escapement Dates:	(August 12 - September 28)					
Sample Dates:	(August 12 - September 2)					
Male						
Sample Number	98	186	24	1	23	332
Percent	13.2	25.1	3.2	0.1	3.1	44.7
Std. Error	1.2	1.6	0.6	0.1	0.6	1.8
Number	926	1757	227	9	217	3136
Female						
Sample Number	41	306	18	4	41	410
Percent	5.5	41.2	2.5	0.6	5.5	55.3
Std. Error	0.8	1.8	0.6	0.3	0.8	1.8
Number	387	2891	170	38	387	3873
All Fish						
Sample Number	139	492	42	5	64	742
Percent	18.7	66.3	5.7	0.7	8.6	
Std. Error	1.4	1.7	0.8	0.3	1.0	
Number	1313	4648	397	47	604	7009

Combined Periods (Percentages are weighted by period escapements)						
Male						
Sample Number	163	529	34	6	40	772
Percent	11.3	38.7	2.3	0.4	2.8	55.5
Std. Error	0.8	1.3	0.4	0.2	0.4	1.3
Number	1686	5767	344	67	416	8280
Female						
Sample Number	47	518	20	7	52	644
Percent	3.1	36.1	1.3	0.5	3.5	44.5
Std. Error	0.4	1.3	0.3	0.2	0.5	1.3
Number	457	5370	193	73	516	6609
All Fish						
Sample Number	210	1047	54	13	92	1416
Percent	14.4	74.8	3.6	0.9	6.3	
Std. Error	0.9	1.1	0.5	0.3	0.6	
Number	2143	11137	537	141	931	14889

Appendix Table 125. Length composition of the Little Trapper Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1981	1980		1979	
		1.2	1.3	2.2	1.4	2.3
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Escapement Dates: (August 2 - 11)						
Sample Dates: (August 2 - 11)						
Male	Avg. Length	477.4	590.7	485.7	635.0	600.9
	Std. Error	4.1	1.2	17.6	6.0	5.4
	Sample Size	49	303	7	2	16
Female	Avg. Length	501.4	569.4	476.0	600.0	568.3
	Std. Error	5.7	1.7		31.0	9.5
	Sample Size	5	162	1	3	7
All Fish	Avg. Length	479.6	583.3	484.5	614.0	591.0
	Std. Error	3.9	1.1	15.3	19.1	5.6
	Sample Size	54	465	8	5	23
<hr/>						
Escapement Dates: (August 12 - September 28)						
Sample Dates: (August 12 - September 2)						
Male	Avg. Length	458.1	584.2	466.6	608.5	591.3
	Std. Error	3.0	1.7	7.8	5.6	5.2
	Sample Size	114	226	27	4	24
Female	Avg. Length	493.5	558.1	499.4	606.8	563.2
	Std. Error	3.3	1.0	4.9	4.4	3.2
	Sample Size	42	356	19	4	45
All Fish	Avg. Length	467.6	568.3	480.1	607.6	573.0
	Std. Error	2.7	1.1	5.5	3.3	3.2
	Sample Size	156	582	46	8	69
<hr/>						
Combined Periods (Unweighted)						
Male	Avg. Length	463.9	588.0	470.5	617.3	595.2
	Std. Error	2.5	1.0	7.2	6.8	3.8
	Sample Size	163	529	34	6	40
Female	Avg. Length	494.3	561.7	498.3	603.9	563.9
	Std. Error	3.0	0.9	4.8	12.0	3.0
	Sample Size	47	518	20	7	52
All Fish	Avg. Length	470.7	575.0	480.8	610.1	577.5
	Std. Error	2.2	0.8	5.1	7.2	2.9
	Sample Size	210	1047	54	13	92

Appendix Table 126. Daily and cumulative sockeye salmon weir counts from Little Trapper Lake weir, 1985.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
August	2	10	10	.00	.00
August	3	226	236	0.02	0.02
August	4	982	1218	0.08	0.10
August	5	865	2083	0.07	0.17
August	6	552	2635	0.04	0.21
August	7	1401	4036	0.11	0.33
August	8	193	4229	0.02	0.34
August	9	575	4804	0.05	0.39
August	10	1309	6113	0.11	0.49
August	11	1767	7880	0.14	0.64
August	12	647	8527	0.05	0.69
August	13	641	9168	0.05	0.74
August	14	430	9598	0.03	0.77
August	15	216	9814	0.02	0.79
August	16	47	9861	.00	0.80
August	17	78	9939	0.01	0.80
August	18	75	10014	0.01	0.81
August	19	466	10480	0.04	0.85
August	20	277	10757	0.02	0.87
August	21	241	10998	0.02	0.89
August	22	167	11165	0.01	0.90
August	23	65	11230	0.01	0.91
August	24	143	11373	0.01	0.92
August	25	50	11423	.00	0.92
August	26	181	11604	0.01	0.94
August	27	151	11755	0.01	0.95
August	28	153	11908	0.01	0.96
August	29	168	12076	0.01	0.97
August	30	15	12091	.00	0.98
August	31	64	12155	0.01	0.98
September	1	20	12175	.00	0.98
September	2	59	12234	.00	0.99
September	3	7	12241	.00	0.99
September	4	6	12247	.00	0.99
September	5	7	12254	.00	0.99
September	6	28	12282	.00	0.99
September	7	24	12306	.00	0.99
September	8	25	12331	.00	0.99
September	9	9	12340	.00	1.00
September	10	5	12345	.00	1.00
September	11	0	12345	0.00	1.00
September	12	5	12350	.00	1.00
September	13	5	12355	.00	1.00
September	14	7	12362	.00	1.00
September	15	18	12380	.00	1.00
September	16	5	12385	.00	1.00
September	17	2	12387	.00	1.00
September	18	0	12387	0.00	1.00
September	19	6	12393	.00	1.00
September	20	0	12393	0.00	1.00
September	21	3	12396	.00	1.00
September	22	0	12396	0.00	1.00
September	23	0	12396	0.00	1.00
September	24	0	12396	0.00	1.00
September	25	0	12396	0.00	1.00
September	26	0	12396	0.00	1.00
September	27	0	12396	0.00	1.00
September	28 1/	1	12397	0.00	1.00
Mean Day of Migration = August 12				Variance = 54.35 Days squared	

1/ An estimated 2,492 sockeye salmon moved through the weir uncounted, making the total estimated escapement 14,889.

Appendix Table 127. Tatsamenie River escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class						
1982		1981		1980	Total	
0.2	1.1	0.3	1.2	1.3		
Sample Dates: (October 7 - 9)						
Male						
Sample Number	9	7	1	13	2	32
Percent	19.1	14.9	2.1	27.7	4.3	68.1
Std. Error	5.8	5.2	2.1	6.6	3.0	6.9
Female						
Sample Number	2		2	2	9	15
Percent	4.3		4.3	4.3	19.1	31.9
Std. Error	3.0		3.0	3.0	5.8	6.9
All Fish						
Sample Number	11	7	3	15	11	47
Percent	23.4	14.9	6.4	31.9	23.4	
Std. Error	6.2	5.2	3.6	6.9	6.2	

Appendix Table 128. Length composition of the Tatsamenie River escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1982		1981		1980
		0.2	1.1	0.3	1.2	1.3
Sample Dates: (October 7 -9)						
Male	Avg. Length	448.4	325.7	431.0	441.7	529.0
	Std. Error	5.5	6.7		12.3	
	Sample Size	5	7	1	7	2
Female	Avg. Length	474.5		573.0	485.0	525.3
	Std. Error	21.5		44.0	11.0	4.9
	Sample Size	2		2	2	9
All Fish	Avg. Length	455.9	325.7	525.7	451.3	526.0
	Std. Error	7.7	6.7	53.7	11.5	3.9
	Sample Size	7	7	3	9	11

Appendix Table 129. Little Tatsamenie Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class								

	1982	1981		1980		1979	Total	
	0.2	0.3	1.2	1.3	2.2	2.3		

Escapement Dates:	(August 4 - 28)							
Sample Dates:	(August 4 - 28)							

Male								
Sample Number	2	2	17	202	14	43	280	
Percent	0.3	0.3	3.0	35.3	2.4	7.5	48.8	
Std. Error	0.2	0.2	0.7	2.0	0.6	1.1	2.1	
Number	26	26	219	2602	180	554	3607	

Female								
Sample Number		6	39	184	27	38	294	
Percent		1.0	6.8	32.1	4.7	6.6	51.2	
Std. Error		0.4	1.1	1.9	0.9	1.0	2.1	
Number		77	502	2370	348	489	3786	

All Fish								
Sample Number	2	8	56	386	41	81	574	
Percent	0.3	1.4	9.8	67.3	7.1	14.1		
Std. Error	0.2	0.5	1.2	2.0	1.1	1.5		
Number	26	103	721	4972	528	1043	7393	

Escapement Dates:	(August 29 - October 14)							
Sample Dates:	(August 29 - September 10)							

Male								
Sample Number	1	1	19	111	26	54	212	
Percent	0.2	0.2	3.1	18.5	4.3	9.0	35.3	
Std. Error	0.2	0.2	0.7	1.6	0.8	1.2	2.0	
Number	9	9	178	1040	244	506	1986	

Female								
Sample Number		4	55	118	155	56	388	
Percent		0.7	9.2	19.7	25.8	9.3	64.7	
Std. Error		0.3	1.2	1.6	1.8	1.2	2.0	
Number		38	515	1106	1452	525	3636	

All Fish								
Sample Number	1	5	74	229	181	110	600	
Percent	0.2	0.8	12.3	38.2	30.2	18.3		
Std. Error	0.2	0.4	1.3	2.0	1.9	1.6		
Number	9	47	693	2146	1696	1031	5622	

Combined Periods (Percentages are weighted by period escapements)								

Male								
Sample Number	3	3	36	313	40	97	492	
Percent	0.3	0.3	3.1	27.9	3.3	8.1	43.0	
Std. Error	0.2	0.2	0.5	1.3	0.5	0.8	1.5	
Number	35	35	397	3642	424	1060	5593	

Female								
Sample Number		10	94	302	182	94	682	
Percent		0.9	7.8	26.7	13.8	7.8	57.0	
Std. Error		0.3	0.8	1.3	0.9	0.8	1.5	
Number		115	1017	3476	1800	1014	7422	

All Fish								
Sample Number	3	13	130	615	222	191	1174	
Percent	0.3	1.2	10.9	54.6	17.1	15.9		
Std. Error	0.2	0.3	0.9	1.4	1.0	1.1		
Number	35	150	1414	7118	2224	2074	13015	

Appendix Table 130. Length composition of the Little Tatsamenie Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class					
		1982	1981		1980		1979
		0.2	0.3	1.2	1.3	2.2	2.3
Escapement Dates: (August 4 - 28)							
Sample Dates: (August 4 - 28)							
Male	Avg. Length	510.0	615.0	492.1	605.3	540.0	609.2
	Std. Error		25.0	15.4	2.1		4.8
	Sample Size	1	2	14	154	1	24
Female	Avg. Length		572.0	506.9	573.9	535.7	585.0
	Std. Error		13.2	5.1	1.7	11.7	4.4
	Sample Size		5	16	135	7	18
All Fish	Avg. Length	510.0	584.3	500.0	590.7	536.3	598.8
	Std. Error		13.2	7.7	1.6	10.2	3.8
	Sample Size	1	7	30	289	8	42
Escapement Dates: (August 29 - October 14)							
Sample Dates: (August 29 - September 10)							
Male	Avg. Length	460.0	540.0	538.2	609.6	547.7	619.7
	Std. Error			8.0	2.1	4.1	2.7
	Sample Size	2	1	22	159	39	73
Female	Avg. Length		570.0	512.9	573.5	518.8	582.4
	Std. Error		11.0	2.4	1.9	1.5	2.6
	Sample Size		5	78	167	175	76
All Fish	Avg. Length	460.0	565.0	518.5	591.1	524.1	600.7
	Std. Error		10.2	2.8	1.7	1.6	2.4
	Sample Size	2	6	100	326	214	149
Combined Periods (Unweighted)							
Male	Avg. Length	476.7	590.0	520.3	607.5	547.5	617.1
	Std. Error	16.7	28.9	8.5	1.5	4.0	2.4
	Sample Size	3	3	36	313	40	97
Female	Avg. Length		571.0	511.9	573.7	519.5	582.9
	Std. Error		8.1	2.2	1.3	1.6	2.2
	Sample Size		10	94	302	182	94
All Fish	Avg. Length	476.7	575.4	514.2	590.9	524.5	600.3
	Std. Error	16.7	8.7	2.8	1.2	1.6	2.1
	Sample Size	3	13	130	615	222	191

Appendix Table 131. Daily and cumulative sockeye salmon weir counts from Little Tatsamenie Lake weir, 1985.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
August 3	0	0	0.00	0.00
August 4	2	2	.00	.00
August 5	3	5	.00	.00
August 6	2	7	.00	.00
August 7	4	11	.00	.00
August 8	31	42	.00	.00
August 9	33	75	.00	0.01
August 10	20	95	.00	0.01
August 11	7	102	.00	0.01
August 12	65	167	0.01	0.01
August 13	81	248	0.01	0.02
August 14	250	498	0.02	0.04
August 15	92	590	0.01	0.05
August 16	178	768	0.01	0.06
August 17	331	1099	0.03	0.09
August 18	457	1556	0.04	0.12
August 19	105	1661	0.01	0.13
August 20	261	1922	0.02	0.15
August 21	177	2099	0.01	0.17
August 22	840	2939	0.07	0.23
August 23	661	3600	0.05	0.28
August 24	875	4475	0.07	0.35
August 25	40	4515	.00	0.36
August 26	370	4885	0.03	0.38
August 27	1007	5892	0.08	0.46
August 28	1501	7393	0.12	0.58
August 29	477	7870	0.04	0.62
August 30	139	8009	0.01	0.63
August 31	286	8295	0.02	0.65
September 1	0	8295	0.00	0.65
September 2	706	9001	0.06	0.71
September 3	373	9374	0.03	0.74
September 4	50	9424	.00	0.74
September 5	181	9605	0.01	0.76
September 6	472	10077	0.04	0.79
September 7	520	10597	0.04	0.83
September 8	204	10801	0.02	0.85
September 9	415	11216	0.03	0.88
September 10	370	11586	0.03	0.91
September 11	301	11887	0.02	0.94
September 12	51	11938	.00	0.94
September 13	75	12013	0.01	0.95
September 14	100	12113	0.01	0.95
September 15	78	12191	0.01	0.96
September 16	122	12313	0.01	0.97
September 17	24	12337	.00	0.97
September 18	118	12455	0.01	0.98
September 19	26	12481	.00	0.98
September 20	3	12484	.00	0.98
September 21	50	12534	.00	0.99
September 22	56	12590	.00	0.99
September 23	14	12604	.00	0.99
September 24	24	12628	.00	0.99
September 25	0	12628	0.00	0.99
September 26	0	12628	0.00	0.99
September 27	0	12628	0.00	0.99
September 28	0	12628	0.00	0.99
September 29	0	12628	0.00	0.99
September 30	0	12628	0.00	0.99
October 1	7	12635	.00	0.99
October 2	4	12639	.00	1.00
October 3	5	12644	.00	1.00
October 4	6	12650	.00	1.00
October 5	1	12651	.00	1.00
October 6	7	12658	.00	1.00
October 7	5	12663	.00	1.00
October 8	0	12663	0.00	1.00
October 9	1	12664	.00	1.00
October 10	5	12669	.00	1.00
October 11	17	12686	.00	1.00
October 12	5	12691	.00	1.00
October 13	3	12694	.00	1.00
October 14 1/	6	12700	0.00	1.00
Mean Day of Migration = August 29			Variance = 85.85 Days squared	

1/ An estimated 315 sockeye salmon moved through the weir uncounted, making the total estimated escapement 13,015.

Appendix Table 132. Hackett River escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class										
1982		1981		1980			1979		Total	
0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3		
Escapement Dates: (August 8 - October 5)										
Sample Dates: (August 9 - October 5)										
Male										
Sample Number	44	2	26	12	1	96	2	2	4	189
Percent	18.8	0.9	11.2	5.2	0.4	41.1	0.9	0.9	1.7	81.1
Std. Error	2.6	0.6	2.1	1.5	0.4	3.2	0.6	0.6	0.9	2.6
Number	436	20	257	119	10	951	20	20	40	1873
Female										
Sample Number	1		14		2	26			1	44
Percent	0.4		6.0		0.9	11.2			0.4	18.9
Std. Error	0.4		1.6		0.6	2.1			0.4	2.6
Number	10		139		20	257			10	436
All Fish										
Sample Number	45	2	40	12	3	122	2	2	5	233
Percent	19.2	0.9	17.2	5.2	1.3	52.3	0.9	0.9	2.1	
Std. Error	2.6	0.6	2.5	1.5	0.7	3.3	0.6	0.6	1.0	
Number	446	20	396	119	30	1208	20	20	50	2309

Appendix Table 133. Length composition of the Hackett River escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class								
		1982		1981		1980			1979	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3
Escapement Dates: (August 8 - October 5)										
Sample Dates: (August 9 - October 5)										
Male	Avg. Length	429.8	336.3	546.0	430.7	626.0	586.1	547.0	558.5	603.3
	Std. Error	3.2	16.0	12.1	7.3		2.4	4.0	37.5	3.7
	Sample Size	43	3	26	12	1	96	2	2	4
Female	Avg. Length	472.0		559.7		612.0	577.7			584.0
	Std. Error			7.5		47.0	3.3			
	Sample Size	1		14		2	26			1
All Fish	Avg. Length	430.7	336.3	550.8	430.7	616.7	584.3	547.0	558.5	599.4
	Std. Error	3.3	16.0	8.3	7.3	27.5	2.0	4.0	37.5	4.8
	Sample Size	44	3	40	12	3	122	2	2	5

Appendix Table 134. Daily and cumulative sockeye salmon weir counts from Hackett River weir, 1985.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
August 8	3	3	.00	.00
August 9	0	3	0.00	.00
August 10	4	7	.00	.00
August 11	4	11	.00	.00
August 12	3	14	.00	0.01
August 13	15	29	0.01	0.01
August 14	22	51	0.01	0.02
August 15	35	86	0.02	0.04
August 16	28	114	0.01	0.05
August 17	4	118	.00	0.05
August 18	2	120	.00	0.05
August 19	8	128	.00	0.06
August 20	4	132	.00	0.06
August 21	22	154	0.01	0.07
August 22	160	314	0.07	0.14
August 23	61	375	0.03	0.16
August 24	73	448	0.03	0.19
August 25	0	448	0.00	0.19
August 26	19	467	0.01	0.20
August 27	78	545	0.03	0.24
August 28	71	616	0.03	0.27
August 29	209	825	0.09	0.36
August 30	155	980	0.07	0.42
August 31	203	1183	0.09	0.51
September 1	75	1258	0.03	0.54
September 2	60	1318	0.03	0.57
September 3	3	1321	.00	0.57
September 4	7	1328	.00	0.58
September 5	20	1348	0.01	0.58
September 6	61	1409	0.03	0.61
September 7	5	1414	.00	0.61
September 8	1	1415	.00	0.61
September 9	120	1535	0.05	0.66
September 10	158	1693	0.07	0.73
September 11	95	1788	0.04	0.77
September 12	111	1899	0.05	0.82
September 13	110	2009	0.05	0.87
September 14	84	2093	0.04	0.91
September 15	123	2216	0.05	0.96
September 16	60	2276	0.03	0.99
September 17	3	2279	.00	0.99
September 18	0	2279	.00	0.99
September 19	1	2280	.00	0.99
September 20	2	2282	.00	0.99
September 21	0	2282	.00	0.99
September 22	0	2282	.00	0.99
September 23	0	2282	.00	0.99
September 24	3	2285	.00	0.99
September 25	12	2297	0.01	0.99
September 26	2	2299	.00	1.00
September 27	1	2300	.00	1.00
September 28	3	2303	.00	1.00
September 29	2	2305	.00	1.00
September 30	0	2305	.00	1.00
October 1	2	2307	.00	1.00
October 2	1	2308	.00	1.00
October 3	0	2308	.00	1.00
October 4	0	2308	.00	1.00
October 5	1	2309	.00	1.00
Mean Day of Migration = September 3			Variance = 87.31 Days squared	

Appendix Table 135. Speel Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class							
	1982	1981	1980		1979		Total
	1.1	1.2	1.3	2.2	1.4	2.3	
<hr/>							
Escapement Dates:	(July 12 - August 24)						
Sample Dates:	(July 16 - August 24)						
<hr/>							
Male							
Sample Number	20	67	145	3		2	237
Percent	5.1	16.9	36.6	0.7		0.5	59.8
Std. Error	1.1	1.9	2.4	0.4		0.4	2.5
Number	357	1197	2590	53		36	4233
Female							
Sample Number	10	27	120	1	1		159
Percent	2.5	6.8	30.3	0.3	0.3		40.2
Std. Error	0.8	1.3	2.3	0.3	0.3		2.5
Number	179	482	2143	18	18		2840
All Fish							
Sample Number	30	94	265	4	1	2	396
Percent	7.6	23.7	66.9	1.0	0.3	0.5	
Std. Error	1.3	2.1	2.4	0.5	0.3	0.4	
Number	536	1679	4733	71	18	36	7073

Appendix Table 136. Length composition of the Speel Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class					
		1982	1981	1980		1979	
		1.1	1.2	1.3	2.2	1.4	2.3
Escapement Dates: (July 12 - August 24)							
Sample Dates: (July 16 - August 24)							
Male	Avg. Length	327.3	462.9	569.9	450.0		607.5
	Std. Error	2.8	4.6	3.4	10.0		7.5
	Sample Size	20	67	145	3		2
Female	Avg. Length	354.0	483.5	551.8	440.0	540.0	
	Std. Error	17.9	6.6	2.7			
	Sample Size	10	27	120	1	1	
All Fish	Avg. Length	336.2	468.8	561.7	447.5	540.0	607.5
	Std. Error	6.5	3.9	2.3	7.5		7.5
	Sample Size	30	94	265	4	1	2

Appendix Table 137. Daily and cumulative sockeye salmon counts from Speel Lake weir, 1985.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July	12	3	3	.00	.00
July	13	5	8	.00	.00
July	14	2	10	.00	.00
July	15	2	12	.00	.00
July	16	8	20	.00	.00
July	17	1	21	.00	.00
July	18	0	21	0.00	.00
July	19	1	22	.00	.00
July	20	4	26	.00	.00
July	21	0	26	0.00	.00
July	22	2	28	.00	.00
July	23	9	37	.00	0.01
July	24	26	63	.00	0.01
July	25	18	81	.00	0.01
July	26	138	219	0.02	0.03
July	27	752	971	0.11	0.14
July	28	203	1174	0.03	0.17
July	29	6	1180	.00	0.17
July	30	50	1230	0.01	0.17
July	31	201	1431	0.03	0.20
August	1	376	1807	0.05	0.26
August	2	117	1924	0.02	0.27
August	3	270	2194	0.04	0.31
August	4	296	2490	0.04	0.35
August	5	402	2892	0.06	0.41
August	6	408	3300	0.06	0.47
August	7	6	3306	.00	0.47
August	8	12	3318	.00	0.47
August	9	30	3348	.00	0.47
August	10	4	3352	.00	0.47
August	11	17	3369	.00	0.48
August	12	9	3378	.00	0.48
August	13	9	3387	.00	0.48
August	14	21	3408	.00	0.48
August	15	31	3439	.00	0.49
August	16	3431	6870	0.49	0.97
August	17	101	6971	0.01	0.99
August	18	14	6985	.00	0.99
August	19	29	7014	.00	0.99
August	20	1	7015	.00	0.99
August	21	1	7016	.00	0.99
August	22	31	7047	.00	1.00
August	23	1	7048	.00	1.00
August	24	25	7073	.00	1.00
Mean Day of Migration = August 9				Variance = 68.62 Days squared	

Appendix Table 138. Crescent Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class												
1982		1981		1980			1979		1978		Total	
0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	3.3		
Escapement Dates: (July 14 - August 5)												
Sample Dates: (July 17 - August 5)												
Male												
Sample Number	1		3	32	4	170	4	5	7			226
Percent	0.2		0.5	5.1	0.6	26.9	0.6	0.8	1.1			35.8
Std. Error	0.2		0.3	0.9	0.3	1.8	0.3	0.4	0.4			1.9
Number	7		20	212	26	1128	27	33	46			1499
Female												
Sample Number			5	6	1	356	2	16	19		1	406
Percent			0.8	0.9	0.2	56.3	0.3	2.5	3.0		0.2	64.2
Std. Error			0.4	0.4	0.2	2.0	0.2	0.6	0.7		0.2	1.9
Number			33	40	7	2362	13	106	126		7	2694
All Fish												
Sample Number	1		8	38	5	526	6	21	26		1	632
Percent	0.2		1.3	6.0	0.8	83.2	0.9	3.3	4.1		0.2	
Std. Error	0.2		0.4	0.9	0.4	1.5	0.4	0.7	0.8		0.2	
Number	7		53	252	33	3490	40	139	172		7	4193
Escapement Dates: (August 6 - August 29)												
Sample Dates: (August 6 - August 29)												
Male												
Sample Number	1	1	3	26		170	6	1	9			217
Percent	0.1	0.1	0.4	4.0		25.4	0.9	0.1	1.3			32.3
Std. Error	0.1	0.1	0.3	0.7		1.7	0.4	0.1	0.4			1.8
Number	5	5	14	118		774	27	5	41			989
Female												
Sample Number			6	13	3	388	8	15	20	1		454
Percent			0.9	1.9	0.4	57.9	1.2	2.3	3.0	0.1		67.7
Std. Error			0.4	0.5	0.3	1.9	0.4	0.6	0.7	0.1		1.8
Number			27	59	14	1767	36	68	91	5		2067
All Fish												
Sample Number	1	1	9	39	3	558	14	16	29	1		671
Percent	0.1	0.1	1.3	5.9	0.4	83.3	2.1	2.4	4.3	0.1		
Std. Error	0.1	0.1	0.4	0.9	0.3	1.4	0.6	0.6	0.8	0.1		
Number	5	5	41	177	14	2541	63	73	132	5		3056
Combined Periods (Percentages are weighted by period escapements)												
Male												
Sample Number	2	1	6	58	4	340	10	6	16			443
Percent	0.2	0.1	0.5	4.6	0.3	26.2	0.7	0.5	1.2			34.3
Std. Error	0.1	0.1	0.2	0.6	0.2	1.2	0.2	0.2	0.3			1.3
Number	12	5	34	330	26	1902	54	38	87			2488
Female												
Sample Number			11	19	4	744	10	31	39	1	1	860
Percent			0.8	1.3	0.3	57.0	0.7	2.4	3.0	0.1	0.1	65.7
Std. Error			0.3	0.3	0.1	1.4	0.2	0.4	0.5	0.1	0.1	1.3
Number			60	99	21	4129	49	174	217	5	7	4761
All Fish												
Sample Number	2	1	17	77	8	1084	20	37	55	1	1	1303
Percent	0.2	0.1	1.3	5.9	0.6	83.2	1.4	2.9	4.2	0.1	0.1	
Std. Error	0.1	0.1	0.3	0.7	0.2	1.1	0.3	0.5	0.6	0.1	0.1	
Number	12	5	94	429	47	6031	103	212	304	5	7	7249

Appendix Table 139. Length composition of the Crescent Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class										
		1982		1981		1980			1979		1978	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	3.3
Escapement Dates: (July 14 - August 5)												
Sample Dates: (July 17 - August 5)												
Male	Avg. Length	445.0		595.0	465.3	622.5	586.0	513.8	585.0	597.9		
	Std. Error			22.9	5.9	7.5	4.2	36.0	15.4	10.8		
	Sample Size	1		3	32	4	170	4	5	7		
Female	Avg. Length			558.0	480.8	610.0	546.3	520.0	558.4	564.5		575.0
	Std. Error			6.0	18.0		5.3	60.0	37.5	6.3		
	Sample Size			5	6	1	356	2	16	19		1
All Fish	Avg. Length	445.0		571.9	467.8	620.0	559.2	515.8	564.8	573.5		575.0
	Std. Error			10.7	5.7	6.3	3.9	27.6	28.7	6.1		
	Sample Size	1		8	38	5	526	6	21	26		1
Escapement Dates: (August 6 - 29)												
Sample Dates: (August 6 - 29)												
Male	Avg. Length	450.0	330.0	586.7	449.4		589.0	465.8	565.0	515.6		
	Std. Error			9.3	4.0		2.8	20.3		64.8		
	Sample Size	1	1	3	26		170	6	1	9		
Female	Avg. Length			571.7	478.1	595.0	559.9	508.1	569.3	565.8	610.0	
	Std. Error			15.8	7.0	18.9	1.3	6.4	8.3	5.0		
	Sample Size			6	13	3	388	8	15	20	1	
All Fish	Avg. Length	450.0	330.0	576.7	459.0	595.0	568.8	490.0	569.1	550.2	610.0	
	Std. Error			10.8	4.1	18.9	1.4	10.7	7.8	20.1		
	Sample Size	1	1	9	39	3	558	14	16	29	1	
Combined Periods (Unweighted)												
Male	Avg. Length	447.5	330.0	590.8	458.2	622.5	587.5	485.0	581.7	551.6		
	Std. Error	2.5		11.2	3.8	7.5	2.5	19.2	13.0	37.3		
	Sample Size	2	1	6	58	4	340	10	6	16		
Female	Avg. Length			565.5	478.9	598.8	553.4	510.5	563.7	565.1	610.0	575.0
	Std. Error			8.9	7.1	13.9	2.6	10.4	19.5	3.9		
	Sample Size			11	19	4	744	10	31	39	1	1
All Fish	Avg. Length	447.5	330.0	574.4	463.3	610.6	564.1	497.8	566.6	561.2	610.0	575.0
	Std. Error	2.5		7.4	3.5	8.6	2.0	11.0	16.4	11.0		
	Sample Size	2	1	17	77	8	1084	20	37	55	1	1

Appendix Table 140. Daily and cumulative sockeye salmon weir counts from Crescent Lake weir, 1985.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July 14	12	12	.00	.00
July 15	42	54	0.01	0.01
July 16	19	73	.00	0.01
July 17	20	93	.00	0.01
July 18	277	370	0.04	0.05
July 19	286	656	0.04	0.09
July 20	111	767	0.02	0.11
July 21	126	893	0.02	0.12
July 22	426	1319	0.06	0.18
July 23	145	1464	0.02	0.20
July 24	120	1584	0.02	0.22
July 25	262	1846	0.04	0.25
July 26	29	1875	.00	0.26
July 27	7	1882	.00	0.26
July 28	62	1944	0.01	0.27
July 29	537	2481	0.07	0.34
July 30	160	2641	0.02	0.36
July 31	453	3094	0.06	0.43
August 1	295	3389	0.04	0.47
August 2	373	3762	0.05	0.52
August 3	122	3884	0.02	0.54
August 4	126	4010	0.02	0.55
August 5	183	4193	0.03	0.58
August 6	607	4800	0.08	0.66
August 7	442	5242	0.06	0.72
August 8	242	5484	0.03	0.76
August 9	138	5622	0.02	0.78
August 10	120	5742	0.02	0.79
August 11	149	5891	0.02	0.81
August 12	87	5978	0.01	0.82
August 13	122	6100	0.02	0.84
August 14	278	6378	0.04	0.88
August 15	154	6532	0.02	0.90
August 16	103	6635	0.01	0.92
August 17	70	6705	0.01	0.92
August 18	19	6724	.00	0.93
August 19	26	6750	.00	0.93
August 20	25	6775	.00	0.93
August 21	10	6785	.00	0.94
August 22	251	7036	0.03	0.97
August 23	35	7071	.00	0.98
August 24	35	7106	.00	0.98
August 25	6	7112	.00	0.98
August 26	28	7140	.00	0.98
August 27	29	7169	.00	0.99
August 28	45	7214	0.01	1.00
August 29	35	7249	.00	1.00
Mean Day of Migration = August 3			Variance = 99.54 Days squared	

Appendix Table 141. Auke Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class							Total
	1982	1981		1980		1979	1978	
	1.1	1.2	2.1	1.3	2.2	2.3	2.4	
Escapement Dates:	(June 25 - September 19)							
Sample Dates:	(June 25 - August 22)							
Male								
Sample Number	2	6	18	3	14	2		45
Percent	2.9	8.8	26.5	4.4	20.6	2.9		66.2
Std. Error	2.1	3.5	5.4	2.5	4.9	2.1		5.8
Number	9	29	87	14	67	9		215
Female								
Sample Number		1		4	7	10	1	23
Percent		1.5		5.9	10.3	14.7	1.5	33.8
Std. Error				2.9	3.7	4.3		5.8
Number		5		19	33	48	5	110
All Fish								
Sample Number	2	7	18	7	21	12	1	68
Percent	2.9	10.3	26.5	10.3	30.9	17.6	1.5	100.0
Std. Error	2.1	3.7	5.4	3.7	5.6	4.7		
Number	9	34	87	33	100	57	5	325

Appendix Table 142. Length composition of the Auke Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class						
		1982	1981		1980		1979	1978
		1.1	1.2	2.1	1.3	2.2	2.3	2.4
Escapement Dates: (June 25 - September 19)								
Sample Dates: (June 25 - August 22)								
Male	Avg. Length	332.5	497.5	348.1	575.0	510.0	555.0	
	Std. Error	12.5	23.0	10.0	7.6	8.2	5.0	
	Sample Size	2	6	18	3	14	2	
Female	Avg. Length		485.0		543.8	503.6	523.0	565.0
	Std. Error				10.5	16.9	9.4	
	Sample Size		1		4	7	10	1
All Fish	Avg. Length	332.5	495.7	348.1	557.1	507.9	528.3	565.0
	Std. Error	12.5	19.6	10.0	8.9	7.6	8.6	
	Sample Size	2	7	18	7	21	12	1

Appendix Table 143. Daily and cumulative sockeye salmon weir counts from Auke Creek weir, 1985.

Date	Daily Count	Cumulative Count	Daily of Total	Proportion	Cumulative of Total	Proportion
June 25	11	11	0.03		0.03	
June 26	1	12	0.00		0.04	
June 27	1	13	0.01		0.04	
June 28	1	14	0.00		0.05	
June 29	0	15	0.00		0.05	
June 30	0	15	0.00		0.05	
July 1	0	15	0.00		0.05	
July 2	0	15	0.00		0.05	
July 3	0	15	0.00		0.05	
July 4	0	15	0.00		0.05	
July 5	0	15	0.00		0.05	
July 6	0	15	0.00		0.05	
July 7	0	15	0.00		0.05	
July 8	0	15	0.00		0.05	
July 9	0	15	0.00		0.05	
July 10	0	15	0.00		0.05	
July 11	0	15	0.00		0.05	
July 12	0	15	0.00		0.05	
July 13	1	16	0.00		0.05	
July 14	4	20	0.03		0.08	
July 15	4	24	0.01		0.10	
July 16	3	27	0.01		0.11	
July 17	0	27	0.00		0.12	
July 18	0	27	0.00		0.12	
July 19	0	27	0.00		0.12	
July 20	0	27	0.00		0.12	
July 21	0	27	0.00		0.12	
July 22	0	27	0.00		0.12	
July 23	0	27	0.00		0.12	
July 24	0	27	0.00		0.12	
July 25	3	30	0.01		0.13	
July 26	17	47	0.05		0.23	
July 27	31	78	0.10		0.38	
July 28	10	88	0.03		0.41	
July 29	5	93	0.02		0.42	
July 30	1	94	0.00		0.42	
July 31	10	104	0.03		0.46	
Aug 1	1	105	0.00		0.46	
Aug 2	2	107	0.00		0.50	
Aug 3	3	110	0.01		0.51	
Aug 4	1	111	0.00		0.51	
Aug 5	1	112	0.00		0.51	
Aug 6	2	114	0.00		0.52	
Aug 7	0	114	0.00		0.52	
Aug 8	0	114	0.00		0.52	
Aug 9	3	117	0.01		0.53	
Aug 10	0	117	0.00		0.53	
Aug 11	4	121	0.01		0.54	
Aug 12	1	122	0.00		0.54	
Aug 13	0	122	0.00		0.54	
Aug 14	2	124	0.01		0.55	
Aug 15	1	125	0.00		0.55	
Aug 16	1	126	0.00		0.55	
Aug 17	1	127	0.00		0.56	
Aug 18	2	129	0.00		0.56	
Aug 19	3	132	0.01		0.57	
Aug 20	0	132	0.00		0.57	
Aug 21	5	137	0.01		0.58	
Aug 22	7	144	0.02		0.60	
Aug 23	2	146	0.01		0.61	
Aug 24	0	146	0.00		0.61	
Aug 25	0	146	0.00		0.61	
Aug 26	0	146	0.00		0.61	
Aug 27	1	147	0.00		0.61	
Aug 28	0	147	0.00		0.61	
Aug 29	0	147	0.00		0.61	
Aug 30	0	147	0.00		0.61	
Aug 31	1	148	0.00		0.61	
Sept 1	0	148	0.00		0.61	
Sept 2	0	148	0.00		0.61	
Sept 3	0	148	0.00		0.61	
Sept 4	1	149	0.00		0.62	
Sept 5	3	152	0.00		0.62	
Sept 6	5	157	0.01		0.63	
Sept 7	0	157	0.00		0.63	
Sept 8	0	157	0.00		0.63	
Sept 9	0	157	0.00		0.63	
Sept 10	0	157	0.00		0.63	
Sept 11	0	157	0.00		0.63	
Sept 12	0	157	0.00		0.63	
Sept 13	0	157	0.00		0.63	
Sept 14	0	157	0.00		0.63	
Sept 15	0	157	0.00		0.63	
Sept 16	0	157	0.00		0.63	
Sept 17	0	157	0.00		0.63	
Sept 18	0	157	0.00		0.63	
Sept 19	0	157	0.00		0.63	
Sept 20	0	157	0.00		0.63	
Sept 21	0	157	0.00		0.63	
Sept 22	0	157	0.00		0.63	
Sept 23	0	157	0.00		0.63	
Sept 24	0	157	0.00		0.63	
Sept 25	0	157	0.00		0.63	
Sept 26	0	157	0.00		0.63	
Sept 27	0	157	0.00		0.63	
Sept 28	0	157	0.00		0.63	
Sept 29	0	157	0.00		0.63	
Sept 30	0	157	0.00		0.63	
Sept 31	0	157	0.00		0.63	
Oct 1	0	157	0.00		0.63	
Oct 2	0	157	0.00		0.63	
Oct 3	0	157	0.00		0.63	
Oct 4	0	157	0.00		0.63	
Oct 5	0	157	0.00		0.63	
Oct 6	0	157	0.00		0.63	
Oct 7	0	157	0.00		0.63	
Oct 8	0	157	0.00		0.63	
Oct 9	0	157	0.00		0.63	
Oct 10	0	157	0.00		0.63	
Oct 11	0	157	0.00		0.63	
Oct 12	0	157	0.00		0.63	
Oct 13	0	157	0.00		0.63	
Oct 14	0	157	0.00		0.63	
Oct 15	0	157	0.00		0.63	
Oct 16	0	157	0.00		0.63	
Oct 17	0	157	0.00		0.63	
Oct 18	0	157	0.00		0.63	
Oct 19	0	157	0.00		0.63	
Oct 20	0	157	0.00		0.63	
Oct 21	0	157	0.00		0.63	
Oct 22	0	157	0.00		0.63	
Oct 23	0	157	0.00		0.63	
Oct 24	0	157	0.00		0.63	
Oct 25	0	157	0.00		0.63	
Oct 26	0	157	0.00		0.63	
Oct 27	0	157	0.00		0.63	
Oct 28	0	157	0.00		0.63	
Oct 29	0	157	0.00		0.63	
Oct 30	0	157	0.00		0.63	
Oct 31	0	157	0.00		0.63	
Nov 1	0	157	0.00		0.63	
Nov 2	0	157	0.00		0.63	
Nov 3	0	157	0.00		0.63	
Nov 4	0	157	0.00		0.63	
Nov 5	0	157	0.00		0.63	
Nov 6	0	157	0.00		0.63	
Nov 7	0	157	0.00		0.63	
Nov 8	0	157	0.00		0.63	
Nov 9	0	157	0.00		0.63	
Nov 10	0	157	0.00		0.63	
Nov 11	0	157	0.00		0.63	
Nov 12	0	157	0.00		0.63	
Nov 13	0	157	0.00		0.63	
Nov 14	0	157	0.00		0.63	
Nov 15	0	157	0.00		0.63	
Nov 16	0	157	0.00		0.63	
Nov 17	0	157	0.00		0.63	
Nov 18	0	157	0.00		0.63	
Nov 19	0	157	0.00		0.63	
Nov 20	0	157	0.00		0.63	
Nov 21	0	157	0.00		0.63	
Nov 22	0	157	0.00		0.63	
Nov 23	0	157	0.00		0.63	
Nov 24	0	157	0.00		0.63	
Nov 25	0	157	0.00		0.63	
Nov 26	0	157	0.00		0.63	
Nov 27	0	157	0.00		0.63	
Nov 28	0	157	0.00		0.63	
Nov 29	0	157	0.00		0.63	
Nov 30	0	157	0.00		0.63	
Dec 1	0	157	0.00		0.63	
Dec 2	0	157	0.00		0.63	
Dec 3	0	157	0.00		0.63	
Dec 4	0	157	0.00		0.63	
Dec 5	0	157	0.00		0.63	
Dec 6	0	157	0.00		0.63	
Dec 7	0	157	0.00		0.63	
Dec 8	0	157	0.00		0.63	
Dec 9	0	157	0.00		0.63	
Dec 10	0	157	0.00		0.63	
Dec 11	0	157	0.00		0.63	
Dec 12	0	157	0.00		0.63	
Dec 13	0	157	0.00		0.63	
Dec 14	0	157	0.00		0.63	
Dec 15	0	157	0.00		0.63	
Dec 16	0	157	0.00		0.63	
Dec 17	0	157	0.00		0.63	
Dec 18	0	157	0.00		0.63	
Dec 19	0	157	0.00		0.63	
Dec 20	0	157	0.00		0.63	
Dec 21	0	157	0.00		0.63	
Dec 22	0	157	0.00		0.63	
Dec 23	0	157	0.00		0.63	
Dec 24	0	157	0.00		0.63	
Dec 25	0	157	0.00		0.63	
Dec 26	0	157	0.00		0.63	
Dec 27	0	157	0.00		0.63	
Dec 28	0	157	0.00		0.63	
Dec 29	0	157	0.00		0.63	
Dec 30	0	157	0.00		0.63	
Dec 31	0	157	0.00		0.63	
Mean Day of Migration = Aug. 7						
Varinace = 342.7 Days squared						

Appendix Table 144. Steep Creek escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class					Total
	1982	1981		1980	1979	
	1.1	0.3	1.2	1.3	2.3	
Sample Dates:	(August 16 - August 28)					
Male						
Sample Number	4	1	7	88	3	103
Percent	1.6	0.4	2.9	36.3	1.2	42.4
Std. Error	0.8	0.4	1.1	3.1	0.7	3.2
Female						
Sample Number		2	1	131	6	140
Percent		0.8	0.4	53.9	2.5	57.6
Std. Error		0.6	0.4	3.2	1.0	3.2
Sexes Combined						
Sample Number	4	3	8	219	9	243
Percent	1.6	1.2	3.3	90.2	3.7	
Std. Error	0.8	0.7	1.1	1.9	1.2	

Appendix Table 145. Length composition of the Steep Creek escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class				
		1982	1981		1980	1979
		1.1	0.3	1.2	1.3	2.3
Sample Dates: (August 16 - 28)						
Male	Avg. Length	307.5	635.0	418.6	570.5	565.0
	Std. Error	8.5		13.7	9.8	27.5
	Sample Size	4	1	7	88	3
Female	Avg. Length		545.0	505.0	538.1	523.3
	Std. Error		5.0		4.9	11.5
	Sample Size		2	1	131	6
All Fish	Avg. Length	307.5	575.0	429.4	551.1	537.2
	Std. Error	8.5	30.1	16.0	5.0	12.9
	Sample Size	4	3	8	219	9

Appendix Table 146. Kook Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class				
	1981	1980	1979		
	1.2	1.3	1.4	2.3	Total
<hr/>					
Sample Dates:	(August 20)				
Male					
Sample Number	13	10	3	2	28
Percent	24.1	18.5	5.6	3.7	51.9
Std. Error	5.9	5.3	3.1	2.6	6.9
Female					
Sample Number	14	6	4	2	26
Percent	25.9	11.1	7.4	3.7	48.1
Std. Error	6.0	4.3	3.6	2.6	6.9
Sexes Combined					
Sample Number	27	16	7	4	54
Percent	50.0	29.6	13.0	7.4	
Std. Error	6.9	6.3	4.6	3.6	

Appendix Table 147. Length composition of the Kook Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class			
		1981	1980	1979	
		1.2	1.3	1.4	2.3
Sample Dates: (August 20)					
Male	Avg. Length	471.2	556.5	585.0	552.5
	Std. Error	4.8	13.8	8.7	22.5
	Sample Size	13	10	3	2
Female	Avg. Length	461.8	513.3	558.8	510.0
	Std. Error	3.7	6.8	12.8	
	Sample Size	14	6	4	2
All Fish	Avg. Length	466.3	540.3	570.0	531.3
	Std. Error	3.1	10.3	9.3	15.3
	Sample Size	27	16	7	4

Appendix Table 148. Redoubt Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class													
	1982		1981		1980			1979			1978		
	1.1	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	Total	
Escapement Dates: (June 22 - August 2)													
Sample Dates: (June 22 - August 2)													
Male													
Sample Number	2	1		30	41		1	145	3	1	4	228	
Percent	0.5	0.2		7.0	9.6		0.2	34.1	0.7	0.2	0.9	53.4	
Std. Error	0.3	0.2		1.2	1.4		0.2	2.3	0.4	0.2	0.5	2.4	
Number	23	12		348	476		12	1681	35	12	46	2645	
Female													
Sample Number	1			24	27			140	2		5	199	
Percent	0.2			5.6	6.3			32.8	0.5		1.2	46.6	
Std. Error	0.2			1.1	1.2			2.3	0.3		0.5	2.4	
Number	12			278	313			1625	23		58	2309	
All Fish													
Sample Number	3	1		54	68		1	285	5	1	9	427	
Percent	0.7	0.2		12.6	15.9		0.2	66.9	1.2	0.2	2.1		
Std. Error	0.4	0.2		1.6	1.8		0.2	2.3	0.5	0.2	0.7		
Number	35	12		627	789		12	3306	58	12	104	4954	
Escapement Dates: (August 3 - 28)													
Sample Dates: (August 3 - 28)													
Male													
Sample Number	3	4	1	18	57	1	1	116	2		4	207	
Percent	0.7	0.9	0.2	4.0	12.8	0.2	0.2	26.0	0.4		0.9	46.3	
Std. Error	0.4	0.4	0.2	0.9	1.6	0.2	0.2	2.1	0.3		0.4	2.4	
Number	38	51	13	230	729	13	13	1484	26		51	2648	
Female													
Sample Number		5		8	62			150	9	2	4	240	
Percent		1.1		1.8	13.9			33.6	2.0	0.4	0.9	53.7	
Std. Error		0.5		0.6	1.6			2.2	0.7	0.3	0.4	2.4	
Number		64		102	793			1919	115	26	51	3070	
All Fish													
Sample Number	3	9	1	26	119	1	1	266	11	2	8	447	
Percent	0.7	2.0	0.2	5.8	26.7	0.2	0.2	59.5	2.5	0.4	1.8		
Std. Error	0.4	0.7	0.2	1.1	2.1	0.2	0.2	2.3	0.7	0.3	0.6		
Number	38	115	13	332	1522	13	13	3403	141	26	102	5718	
Combined Periods (Percentages are weighted by period escapements)													
Male													
Sample Number	5	5	1	48	98	1	2	261	5	1	8	435	
Percent	0.6	0.6	0.1	5.4	11.3	0.1	0.2	29.7	0.6	0.1	0.9	49.5	
Std. Error	0.3	0.3	0.1	0.8	1.1	0.1	0.2	1.5	0.3	0.1	0.3	1.7	
Number	61	63	13	578	1205	13	25	3165	61	12	97	5293	
Female													
Sample Number	1	5		32	89			290	11	2	9	439	
Percent	0.1	0.6		3.6	10.4			33.2	1.3	0.2	1.0	50.4	
Std. Error	0.1	0.3		0.6	1.0			1.6	0.4	0.2	0.3	1.7	
Number	12	64		380	1106			3544	138	26	109	5379	
All Fish													
Sample Number	6	10	1	80	187	1	2	551	16	3	17	874	
Percent	0.7	1.2	0.1	9.0	21.7	0.1	0.2	62.9	1.9	0.3	1.9		
Std. Error	0.3	0.4	0.1	1.0	1.4	0.1	0.2	1.6	0.5	0.2	0.5		
Number	73	127	13	958	2311	13	25	6709	199	38	206	10672	

Appendix Table 149. Length composition of the Redoubt Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

Brood Year and Age Class												
		1982	1981		1980			1979			1978	
		1.1	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3
Escapement Dates: (June 22 - August 2)												
Sample Dates: (June 22 - August 2)												
Male	Avg. Length	375.0	515.0		574.5	499.4		620.0	569.2	520.0	580.0	563.8
	Std. Error	25.0			4.7	2.6			2.2	15.3		15.7
	Sample Size	2	1		30	41		1	145	3	1	4
Female	Avg. Length	380.0			545.2	487.0			541.5	480.0		545.0
	Std. Error				4.2	3.3			2.2			7.9
	Sample Size	1			24	27			140	2		5
All Fish	Avg. Length	376.7	515.0		561.5	494.5		620.0	555.6	504.0	580.0	553.3
	Std. Error	14.5			3.7	2.2			1.8	12.9		8.3
	Sample Size	3	1		54	68		1	285	5	1	9
Escapement Dates: (August 3 - 28)												
Sample Dates: (August 3 - 28)												
Male	Avg. Length	395.0	490.0	430.0	546.1	503.9	405.0	600.0	559.6	507.5		541.3
	Std. Error	5.0	26.7		7.3	2.4			2.2	12.5		5.9
	Sample Size	3	4	1	18	57	1	1	116	2		4
Female	Avg. Length		493.0		536.3	488.7			539.1	486.1	570.0	550.0
	Std. Error		5.8		10.6	2.5			1.8	8.5	5.0	10.2
	Sample Size		5		8	62			150	9	2	4
All Fish	Avg. Length	395.0	491.7	430.0	543.1	496.0	405.0	600.0	548.0	490.0	570.0	545.6
	Std. Error	5.0	11.3		6.0	1.9			1.5	7.6	5.0	5.7
	Sample Size	3	9	1	26	119	1	1	266	11	2	8
Combined Periods (Unweighted)												
Male	Avg. Length	387.0	495.0	430.0	563.9	502.0	405.0	610.0	564.9	515.0	580.0	552.5
	Std. Error	9.7	21.3		4.4	1.8		10.0	1.6	9.7		8.9
	Sample Size	5	5	1	48	98	1	2	261	5	1	8
Female	Avg. Length	380.0	493.0		543.0	488.2			540.2	485.0	570.0	547.2
	Std. Error		5.8		4.1	2.0			1.4	6.9	5.0	6.0
	Sample Size	1	5		32	89			290	11	2	9
All Fish	Avg. Length	385.8	494.0	430.0	555.5	495.4	405.0	610.0	551.9	494.4	573.3	549.7
	Std. Error	8.0	10.4		3.3	1.4		10.0	1.2	6.5	4.4	5.1
	Sample Size	6	10	1	80	187	1	2	551	16	3	17

Appendix Table 150. Daily and cumulative sockeye salmon weir counts from Redoubt Lake weir, 1985.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 22	1	1	.00	.00
June 23	0	1	0.00	.00
June 24	0	1	0.00	.00
June 25	0	1	0.00	.00
June 26	0	1	0.00	.00
June 27	0	1	0.00	.00
June 28	0	1	0.00	.00
June 29	0	1	0.00	.00
June 30	3	4	.00	.00
July 1	3	7	.00	.00
July 2	2	9	.00	.00
July 3	1	10	.00	.00
July 4	1	11	.00	.00
July 5	31	42	.00	.00
July 6	20	62	.00	0.01
July 7	3	65	.00	0.01
July 8	5	70	.00	0.01
July 9	53	609	0.05	0.06
July 10	353	962	0.03	0.09
July 11	58	1020	0.01	0.10
July 12	17	1037	.00	0.10
July 13	92	1129	0.01	0.11
July 14	14	1143	.00	0.11
July 15	72	1215	0.01	0.11
July 16	466	1681	0.04	0.16
July 17	174	1855	0.02	0.17
July 18	274	2129	0.03	0.20
July 19	94	2223	0.01	0.21
July 20	424	2647	0.04	0.25
July 21	90	2737	0.01	0.26
July 22	147	2884	0.01	0.27
July 23	261	3145	0.02	0.29
July 24	202	3347	0.02	0.31
July 25	518	3865	0.05	0.36
July 26	92	3957	0.01	0.37
July 27	89	4046	0.01	0.38
July 28	68	4114	0.01	0.39
July 29	143	4257	0.01	0.40
July 30	192	4449	0.02	0.42
July 31	173	4622	0.02	0.43
August 1	228	4850	0.02	0.45
August 2	104	4954	0.01	0.46
August 3	321	5275	0.03	0.49
August 4	339	5614	0.03	0.53
August 5	387	6001	0.04	0.56
August 6	151	6152	0.01	0.58
August 7	158	6310	0.01	0.59
August 8	252	6562	0.02	0.61
August 9	160	6722	0.01	0.63
August 10	470	7192	0.04	0.67
August 11	291	7483	0.03	0.70
August 12	80	7563	0.01	0.71
August 13	278	7841	0.03	0.73
August 14	294	8135	0.03	0.76
August 15	520	8655	0.05	0.81
August 16	169	8824	0.02	0.83
August 17	451	9275	0.04	0.87
August 18	320	9595	0.03	0.90
August 19	167	9762	0.02	0.91
August 20	184	9946	0.02	0.93
August 21	177	10123	0.02	0.95
August 22	168	10291	0.02	0.96
August 23	49	10340	.00	0.97
August 24	80	10420	0.01	0.98
August 25	48	10468	.00	0.98
August 26	38	10506	.00	0.98
August 27	88	10594	0.01	0.99
August 28	78	10672	0.01	1.00
Mean Day of Migration = August 2			Variance = 190.21 Days squared	

Appendix Table 151. Ford Arm Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class									
1982		1981		1980		1979			
1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	Total	
Sample Dates: (September 9 - 29)									
Male									
Sample Number	16		57	8	87	6	6		180
Percent	2.8		10.0	1.4	15.3	1.1	1.1		31.7
Std. Error	0.7		1.3	0.5	1.5	0.4	0.4		2.0
Female									
Sample Number	3	1	157	3	204	13	6	1	388
Percent	0.5	0.2	27.6	0.5	35.9	2.3	1.1	0.2	68.3
Std. Error	0.3		1.9	0.3	2.0	0.6	0.4		2.0
All Fish									
Sample Number	19	1	214	11	291	19	12	1	568
Percent	3.3	0.2	37.7	1.9	51.2	3.4	2.1	0.2	100.0
Std. Error	0.8		2.0	0.6	2.1	0.8	0.6		

Appendix Table 152. Length composition of the Ford Arm Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class							
		1982	1981		1980		1979		
		1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2
Sample Dates: (September 9 - 29)									
Male	Avg. Length	355.3		517.5	386.9	550.9	495.0	535.0	
	Std. Error	3.5		5.5	14.5	4.4	17.5	10.3	
	Sample Size	16		57	8	87	6	6	
Female	Avg. Length	476.7	530.0	502.4	468.3	463.6	454.1	523.3	535.0
	Std. Error	21.9		3.7	12.0	11.7	38.4	2.1	
	Sample Size	3	1	157	3	204	13	6	1
All Fish	Avg. Length	374.5	530.0	506.4	409.1	489.7	467.0	529.2	535.0
	Std. Error	11.2		3.1	15.7	8.6	26.9	5.3	
	Sample Size	19	1	214	11	291	19	12	1

Appendix Table 153. Lace River escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class										
	1983	1982		1981		1980			Total	
	0.1	0.2	1.1	0.3	1.2	0.4	1.3	2.2		

Sample Dates:	(August 24)									
Male										
Sample Number	3	6	4	1	5	1	12		32	
Percent	3.8	7.5	5.0	1.3	6.3	1.3	15.0		40.0	
Std. Error	2.1	3.0	2.5		2.7		4.0		5.5	
Female										
Sample Number		3		3	5		37		48	
Percent		3.8		3.8	6.3		46.3		60.0	
Std. Error		2.1		2.1	2.7		5.6		5.5	
All Fish 1/										
Sample Number	3	9	4	4	10	1	52	1	84	
Percent	3.6	10.7	4.8	4.8	11.9	1.2	61.9	1.2	100.0	
Std. Error	2.0	3.4	2.3	2.3	3.6		5.3			

1/ Includes unsexed fish totals.

Appendix Table 154. Length composition of the Lace River escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class						
		1983	1982		1981		1980	
		0.1	0.2	1.1	0.3	1.2	0.4	1.3
Sample Dates:		(August 24)						
Male	Avg. Length	290.0	457.5	336.3		457.0	600.0	580.0
	Std. Error	8.7	7.7	8.3		11.8		10.5
	Sample Size	3	6	4		5	1	10
Female	Avg. Length		466.0		541.7	482.0		540.0
	Std. Error		15.6		6.0	14.9		4.7
	Sample Size		3		3	5		37
All Fish	Avg. Length	290.0	460.3	336.3	541.7	469.5	600.0	548.5
	Std. Error	8.7	6.9	8.3	6.0	9.9		4.9
	Sample Size	3	9	4	3	10	1	47

Appendix Table 155. Chilkat Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class										
	1982	1981		1980			1979			
	1.1	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	Total
<hr/>										
Escapement Dates:	(June 29 - August 24)									
Sample Dates:	(July 18 - August 24)									
<hr/>										
Male										
Sample Number	4	1	1	49	3		2	24		84
Percent	2.9	0.7	0.7	35.5	2.2		1.4	17.4		60.9
Std. Error	1.4			4.1	1.2		1.0	3.2		4.2
Number	216	54	54	2645	162		108	1296		4535
Female										
Sample Number		1		33	3		1	16		54
Percent		0.7		23.9	2.2		0.7	11.6		39.1
Std. Error				3.6	1.2			2.7		4.2
Number		54		1782	162		54	863		2915
All Fish										
Sample Number	4	2	1	82	6		3	40		138
Percent	2.9	1.4	0.7	59.4	4.3		2.2	29.0		100.0
Std. Error	1.4	1.0		4.2	1.7		1.2	3.9		
Number	216	108	54	4427	324		162	2159		7450
<hr/>										
Escapement Dates:	(August 25 - September 14)									
Sample Dates:	(August 25 - September 12)									
<hr/>										
Male										
Sample Number	4	1	8	18	45			55		131
Percent	2.1	0.5	4.1	9.3	23.2			28.4		67.5
Std. Error	1.0		1.4	2.1	3.0			3.2		3.4
Number	228	57	457	1029	2569			3140		7480
Female										
Sample Number			1	6	29			27		63
Percent			0.5	3.1	14.9			13.9		32.5
Std. Error				1.2	2.6			2.5		3.4
Number			57	342	1656			1542		3597
All Fish										
Sample Number	4	1	9	24	74			82		194
Percent	2.1	0.5	4.6	12.4	38.1			42.3		100.0
Std. Error	1.0		1.5	2.4	3.5			3.6		
Number	228	57	514	1371	4225			4682		11077
<hr/>										
Escapement Dates:	(September 15 - 21)									
Sample Dates:	(September 16 - 21)									
<hr/>										
Male										
Sample Number			19	1	95	1		62	3	181
Percent			5.0	0.3	25.0	0.3		16.3	0.8	47.6
Std. Error			1.1		2.2			1.9	0.5	2.6
Number			632	33	3160	33		2062	100	6020
Female										
Sample Number			1	2	110			86		199
Percent			0.3	0.5	28.9			22.6		52.4
Std. Error				0.4	2.3			2.1		2.6
Number			33	67	3659			2860		6619
All Fish										
Sample Number			20	3	205	1		148	3	380
Percent			5.3	0.8	53.9	0.3		38.9	0.8	100.0
Std. Error			1.1	0.5	2.6			2.5	0.5	
Number			665	100	6819	33		4922	100	12639

-Continued-

Appendix Table 155. Chilkat Lake escapement of sockeye salmon, sex and age class by escapement period, 1985 (continued).

Brood Year and Age Class										
	1982	1981		1980			1979			
	1.1	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	Total
Escapement Dates: (September 22 - 28)										
Sample Dates: (September 23 - 27)										
Male										
Sample Number		3	11	1	60	1		75	1	152
Percent		1.1	3.9	0.4	21.2	0.4		26.5	0.4	53.7
Std. Error		0.6	1.2		2.4			2.6		3.0
Number		188	688	62	3748	63		4688	63	9500
Female										
Sample Number				3	68			60		131
Percent				1.1	24.0			21.2		46.3
Std. Error				0.6	2.5			2.4		3.0
Number				188	4250			3750		8188
All Fish										
Sample Number		3	11	4	128	1		135	1	283
Percent		1.1	3.9	1.4	45.2	0.4		47.7	0.4	100.0
Std. Error		0.6	1.2	0.7	3.0			3.0		
Number		188	688	250	7998	63		8438	63	17688
Escapement Dates: (September 29 - October 22)										
Sample Dates: (September 29 - October 14)										
Male										
Sample Number		1	3	7	49			99		159
Percent		0.3	0.9	2.1	14.5			29.4		47.2
Std. Error			0.5	0.8	1.9			2.5		2.7
Number		26	79	184	1290			2606		4185
Female										
Sample Number		2		3	67			104	2	178
Percent		0.6		0.9	19.9			30.9	0.6	52.8
Std. Error		0.4		0.5	2.2			2.5	0.4	2.7
Number		53		79	1763			2737	53	4685
All Fish										
Sample Number		3	3	10	116			203	2	337
Percent		0.9	0.9	3.0	34.4			60.2	0.6	100.0
Std. Error		0.5	0.5	0.9	2.6			2.7	0.4	
Number		79	79	263	3053			5343	53	8870
Combined Periods (Percentages are weighted by period escapements)										
Male										
Sample Number	8	6	42	76	252	2	2	315	4	707
Percent	0.8	0.6	3.3	6.8	18.9	0.2	0.2	23.9	0.3	55.0
Std. Error	0.3	0.2	0.5	0.7	1.1	0.1	0.1	1.2	0.1	1.4
Number	444	325	1910	3953	10929	96	108	13792	163	31720
Female										
Sample Number		3	2	47	277		1	293	2	625
Percent		0.2	0.2	4.3	19.9		0.1	20.4	0.1	45.0
Std. Error		0.1	0.1	0.6	1.1			1.1	0.1	1.4
Number		107	90	2458	11490		54	11752	53	26004
All Fish										
Sample Number	8	9	44	123	529	2	3	608	6	1332
Percent	0.8	0.7	3.5	11.1	38.8	0.2	0.3	44.3	0.4	100.0
Std. Error	0.3	0.3	0.5	0.8	1.3	0.1	0.2	1.4	0.2	
Number	444	432	2000	6411	22419	96	162	25544	216	57724

Appendix Table 156. Length composition of the Chilkat Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class								
		1982	1981			1980			1979	
		1.1	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2
Escapement Dates: (June 29 - August 24)										
Sample Dates: (July 18 - August 24)										
Male	Avg. Length	342.3	520.0	410.0	606.2	535.0		645.5	617.2	
	Std. Error	17.2			3.3	18.9		5.5	4.8	
	Sample Size	4	1	1	49	3		2	24	
Female	Avg. Length		540.0		585.7	508.3		610.0	585.8	
	Std. Error				3.8	19.6			5.2	
	Sample Size		1		33	3		1	16	
All Fish	Avg. Length	342.3	530.0	410.0	598.0	521.7		633.7	604.6	
	Std. Error	17.2	10.0		2.7	13.6		12.3	4.3	
	Sample Size	4	2	1	82	6		3	40	
Escapement Dates: (August 25 - September 14)										
Sample Dates: (August 25 - September 12)										
Male	Avg. Length	372.5	500.0	382.4	611.0	515.2			612.2	
	Std. Error	20.9		15.0	5.0	6.2			3.6	
	Sample Size	4	1	8	18	45			55	
Female	Avg. Length			340.0	576.3	530.6			594.2	
	Std. Error				12.0	5.6			3.5	
	Sample Size			1	6	29			27	
All Fish	Avg. Length	372.5	500.0	377.7	602.3	521.2			606.3	
	Std. Error	20.9		14.1	5.6	4.5			2.8	
	Sample Size	4	1	9	24	74			82	
Escapement Dates: (September 15 - 21)										
Sample Dates: (September 16 - 21)										
Male	Avg. Length			372.4	610.0	499.8	421.0		609.5	503.3
	Std. Error			4.8		4.1			3.1	17.6
	Sample Size			19	1	95	1		62	3
Female	Avg. Length			395.0	554.0	522.6			576.3	
	Std. Error				16.0	2.0			2.9	
	Sample Size			1	2	110			86	
All Fish	Avg. Length			373.5	572.7	512.0	421.0		590.2	503.3
	Std. Error			4.7	20.8	2.3			2.5	17.6
	Sample Size			20	3	205	1		148	3
Escapement Dates: (September 22 - 28)										
Sample Dates: (September 23 - 27)										
Male	Avg. Length		490.7	363.4	632.0	517.6	390.0		611.5	537.0
	Std. Error		10.5	5.0		5.4			2.7	
	Sample Size		3	11	1	60	1		75	1
Female	Avg. Length				577.7	521.1			580.0	
	Std. Error				9.0	2.6			2.9	
	Sample Size				3	68			60	
All Fish	Avg. Length		490.7	363.4	591.3	519.5	390.0		597.5	537.0
	Std. Error		10.5	5.0	15.0	2.9			2.4	
	Sample Size		3	11	4	128	1		135	1
Escapement Dates: (September 29 - October 22)										
Sample Dates: (September 29 - October 14)										
Male	Avg. Length		522.0	368.3	603.3	524.2			606.2	
	Std. Error			8.3	5.9	5.5			2.4	
	Sample Size		1	3	7	49			99	
Female	Avg. Length		491.5		580.3	526.5			584.3	524.0
	Std. Error		21.5		9.0	2.6			2.5	6.0
	Sample Size		2		3	67			104	2
All Fish	Avg. Length		501.7	368.3	596.4	525.5			594.9	524.0
	Std. Error		16.0	8.3	5.8	2.8			1.9	6.0
	Sample Size		3	3	10	116			203	2
Combined Periods (Unweighted)										
Male	Avg. Length	357.4	502.3	372.5	607.5	512.0	405.5	645.5	610.0	511.8
	Std. Error	13.8	7.7	3.9	2.5	2.6	15.5	5.5	1.4	15.0
	Sample Size	8	6	42	76	252	2	2	315	4
Female	Avg. Length		507.7	367.5	582.3	523.9		610.0	582.1	524.0
	Std. Error		20.4	27.5	3.3	1.3			1.5	6.0
	Sample Size		3	2	47	277		1	293	2
All Fish	Avg. Length	357.4	504.1	372.3	597.9	518.2	405.5	633.7	596.5	515.8
	Std. Error	13.8	7.7	3.9	2.3	1.4	15.5	12.3	1.1	10.0
	Sample Size	8	9	44	123	529	2	3	608	6

Appendix Table 157. Daily and cumulative sockeye salmon weir counts from Chilkat Lake weir, 1985.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June	29	7	7	.00	.00
June	30	8	15	.00	.00
July	1	0	15	0.00	.00
July	2	0	15	0.00	.00
July	3	0	15	0.00	.00
July	4	0	15	0.00	.00
July	5	90	105	.00	.00
July	6	0	105	0.00	.00
July	7	0	105	0.00	.00
July	8	192	297	.00	0.01
July	9	623	920	0.01	0.02
July	10	289	1209	0.01	0.02
July	11	201	1410	.00	0.02
July	12	12	1422	.00	0.02
July	13	0	1422	0.00	0.02
July	14	0	1422	0.00	0.02
July	15	320	1742	0.01	0.03
July	16	48	1790	.00	0.03
July	17	53	1843	.00	0.03
July	18	340	2183	0.01	0.04
July	19	344	2527	0.01	0.04
July	20	36	2563	.00	0.04
July	21	123	2686	.00	0.05
July	22	37	2723	.00	0.05
July	23	0	2723	0.00	0.05
July	24	53	2776	.00	0.05
July	25	1	2777	.00	0.05
July	26	92	2869	.00	0.05
July	27	28	2897	.00	0.05
July	28	192	3089	.00	0.05
July	29	134	3223	.00	0.06
July	30	321	3544	0.01	0.06
July	31	17	3561	.00	0.06
August	1	12	3573	.00	0.06
August	2	136	3709	.00	0.06
August	3	0	3709	0.00	0.06
August	4	23	3732	.00	0.06
August	5	35	3767	.00	0.07
August	6	600	4367	0.01	0.08
August	7	63	4430	.00	0.08
August	8	820	5250	0.01	0.09
August	9	327	5577	0.01	0.10
August	10	161	5738	.00	0.10
August	11	0	5738	0.00	0.10
August	12	0	5738	0.00	0.10
August	13	15	5753	.00	0.10
August	14	0	5753	0.00	0.10
August	15	112	5865	.00	0.10
August	16	0	5865	0.00	0.10

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Appendix Table 157. Daily and cumulative sockeye salmon weir counts from Chilkat Lake weir, 1985 (continued).

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
August	17	30	5895	.00	0.10
August	18	18	5913	.00	0.10
August	19	112	6025	.00	0.10
August	20	274	6299	.00	0.11
August	21	0	6299	0.00	0.11
August	22	0	6299	0.00	0.11
August	23	635	6934	0.01	0.12
August	24	516	7450	0.01	0.13
August	25	534	7984	0.01	0.14
August	26	244	8228	.00	0.14
August	27	1475	9703	0.03	0.17
August	28	346	10049	0.01	0.17
August	29	1727	11776	0.03	0.20
August	30	11	11787	.00	0.20
August	31	97	11884	.00	0.21
September	1	242	12126	.00	0.21
September	2	1024	13150	0.02	0.23
September	3	151	13301	.00	0.23
September	4	551	13852	0.01	0.24
September	5	590	14442	0.01	0.25
September	6	473	14915	0.01	0.26
September	7	240	15155	.00	0.26
September	8	1603	16758	0.03	0.29
September	9	668	17426	0.01	0.30
September	10	0	17426	0.00	0.30
September	11	0	17426	0.00	0.30
September	12	143	17569	.00	0.30
September	13	698	18267	0.01	0.32
September	14	260	18527	.00	0.32
September	15	20	18547	.00	0.32
September	16	501	19048	0.01	0.33
September	17	1043	20091	0.02	0.35
September	18	912	21003	0.02	0.36
September	19	0	21003	0.00	0.36
September	20	2061	23064	0.04	0.40
September	21	8102	31166	0.14	0.54
September	22	12370	43536	0.21	0.75
September	23	115	43651	.00	0.76
September	24	2683	46334	0.05	0.80
September	25	1673	48007	0.03	0.83
September	26	127	48134	.00	0.83
September	27	63	48197	.00	0.83
September	28	657	48854	0.01	0.85
September	29	1571	50425	0.03	0.87
September	30	167	50592	.00	0.88
October	1	2231	52823	0.04	0.92
October	2	63	52886	.00	0.92
October	3	35	52921	.00	0.92
October	4	1145	54066	0.02	0.94
October	5	46	54112	.00	0.94
October	6	1614	55726	0.03	0.97
October	7	0	55726	0.00	0.97
October	8	6	55732	.00	0.97
October	9	58	55790	.00	0.97
October	10	10	55800	.00	0.97
October	11	208	56008	.00	0.97
October	12	113	56121	.00	0.97
October	13	87	56208	.00	0.97
October	14	7	56215	.00	0.97
October	15	8	56223	.00	0.97
October	16	0	56223	0.00	0.97
October	17	0	56223	0.00	0.97
October	18	0	56223	0.00	0.97
October	19	0	56223	0.00	0.97
October	20	1	56224	.00	0.97
October	21	0	56224	0.00	0.97
October	22	1500	57724	0.03	1.00
Mean Day of Migration = September 14				Variance = 438.13 Days squared	

Appendix Table 158. Mainstem Chilkat River escapement of sockeye salmon, sex and age class by escapement period, 1985.

	Brood Year and Age Class						
	1982	1981	1980		1979		
	0.2	0.3	1.3	2.2	1.4	2.3	Total
<hr/>							
Sample Dates:	(October 2)						
Male							
Sample Number	15	19	19				53
Percent	14.4	18.3	18.3				51.0
Std. Error	3.5	3.8	3.8				4.9
Female							
Sample Number	5	28	16	1		1	51
Percent	4.8	26.9	15.4	1.0		1.0	49.0
Std. Error	2.1	4.4	3.6				4.9
All Fish 1/							
Sample Number	20	58	54	2	1	1	136
Percent	14.7	42.6	39.7	1.5	0.7	0.7	100.0
Std. Error	3.0	4.3	4.2	1.0			

1/ Includes unsexed fish totals.

Appendix Table 159. Length composition of the mainstem Chilkat River escapement of sockeye salmon by sex, age class, and fishing period, 1985.

		Brood Year and Age Class				
		1982	1981	1980		1979
		0.2	0.3	1.3	2.2	2.3
Sample Dates: (October 2)						
Male	Avg. Length	440.3	576.6	581.8		
	Std. Error	5.0	5.1	6.3		
	Sample Size	15	19	19		
Female	Avg. Length	474.0	547.5	564.1	520.0	560.0
	Std. Error	14.8	4.1	14.8		
	Sample Size	5	28	16	1	1
All Fish	Avg. Length	448.8	559.3	573.7	520.0	560.0
	Std. Error	6.0	3.8	7.6		
	Sample Size	20	47	35	1	1

Appendix Table 160. Chilkoot Lake escapement of sockeye salmon, sex and age class by escapement period, 1985.

Brood Year and Age Class									
	1982	1981	1980		1979		1978		Total
	1.1	1.2	1.3	2.2	1.4	2.3	3.2	2.4	
Escapement Dates: (June 7 - July 13)									
Sample Dates: (June 16 - July 11)									
Male									
Sample Number		5	42	1	5	29			82
Percent		3.8	32.1	0.8	3.8	22.1			62.6
Std. Error		1.7	4.1		1.7	3.6			4.2
Number		231	1938	46	231	1338			3784
Female									
Sample Number			30	1		18			49
Percent			22.9	0.8		13.7			37.4
Std. Error			3.7			3.0			4.2
Number			1384	46		831			2261
All Fish									
Sample Number		5	72	2	5	47			131
Percent		3.8	55.0	1.5	3.8	35.9			100.0
Std. Error		1.7	4.4	1.1	1.7	4.2			
Number		231	3322	92	231	2169			6045
Escapement Dates: (July 14 - 27)									
Sample Dates: (July 16 - 27)									
Male									
Sample Number		19	51	5		15			90
Percent		13.0	34.9	3.4		10.3			61.6
Std. Error		2.8	4.0	1.5		2.5			4.0
Number		574	1541	151		453			2719
Female									
Sample Number		2	39		3	12			56
Percent		1.4	26.7		2.1	8.2			38.4
Std. Error		1.0	3.7		1.2	2.3			4.0
Number		60	1178		91	363			1692
All Fish									
Sample Number		21	90	5	3	27			146
Percent		14.4	61.6	3.4	2.1	18.5			100.0
Std. Error		2.9	4.0	1.5	1.2	3.2			
Number		634	2719	151	91	816			4411
Escapement Dates: (July 28 - August 3)									
Sample Dates: (July 28 - August 2)									
Male									
Sample Number	1	51	171	6	7	21		2	259
Percent	0.2	12.0	40.1	1.4	1.6	4.9		0.5	60.8
Std. Error		1.6	2.4	0.6	0.6	1.1		0.3	2.4
Number	47	2379	7975	280	326	979		93	12079
Female									
Sample Number		4	131		3	28			167
Percent		0.9	30.8	0.2	0.7	6.6			39.2
Std. Error		0.5	2.2		0.4	1.2			2.4
Number		187	6110	46	140	1306			7789
All Fish									
Sample Number	1	55	302	7	10	49		2	426
Percent	0.2	12.9	70.9	1.6	2.3	11.5		0.5	100.0
Std. Error		1.6	2.2	0.6	0.7	1.5		0.3	
Number	47	2566	14085	326	466	2285		93	19868
Escapement Dates: (August 4 - 10)									
Sample Dates: (August 4 - 10)									
Male									
Sample Number		30	80	8	5	20			143
Percent		12.8	34.0	3.4	2.1	8.5			60.9
Std. Error		2.2	3.1	1.2	0.9	1.8			3.2
Number		1244	3316	332	207	829			5928
Female									
Sample Number		2	73	2	2	13			92
Percent		0.9	31.1	0.9	0.9	5.5			39.1
Std. Error		0.6	3.0	0.6	0.6	1.5			3.2
Number		83	3026	83	83	539			3814
All Fish									
Sample Number		32	153	10	7	33			235
Percent		13.6	65.1	4.3	3.0	14.0			100.0
Std. Error		2.2	3.1	1.3	1.1	2.3			
Number		1327	6342	415	290	1368			9742

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Appendix Table 160. Chilkoot Lake escapement of sockeye salmon, sex and age class by escapement period, 1985 (continued).

Brood Year and Age Class									
	1982	1981	1980		1979		1978		Total
	1.1	1.2	1.3	2.2	1.4	2.3	3.2	2.4	
Escapement Dates:	{August 11 - 17}								
Sample Dates:	{August 11 - 17}								
Male									
Sample Number		33	128	10	5	34			210
Percent		10.1	39.1	3.1	1.5	10.4			64.2
Std. Error		1.7	2.7	1.0	0.7	1.7			2.7
Number		1262	4893	382	191	1300			8028
Female									
Sample Number		1	94		3	18		1	117
Percent		0.3	28.7		0.9	5.5		0.3	35.8
Std. Error			2.5		0.5	1.3			2.7
Number		38	3594		115	688		38	4473
All Fish									
Sample Number		34	222	10	8	52		1	327
Percent		10.4	67.9	3.1	2.4	15.9		0.3	100.0
Std. Error		1.7	2.6	1.0	0.9	2.0			
Number		1300	8487	382	306	1988		38	12501
Escapement Dates:	{August 18 - 24}								
Sample Dates:	{August 18 - 24}								
Male									
Sample Number		24	46	4	2	11	1	1	89
Percent		15.6	29.9	2.6	1.3	7.1	0.6	0.6	57.8
Std. Error		2.9	3.7	1.3	0.9	2.1			4.0
Number		1093	2095	182	91	500	46	46	4053
Female									
Sample Number		3	46	2		14			65
Percent		1.9	29.9	1.3		9.1			42.2
Std. Error		1.1	3.7	0.9		2.3			4.0
Number		137	2094	91		638			2960
All Fish									
Sample Number		27	92	6	2	25	1	1	154
Percent		17.5	59.7	3.9	1.3	16.2	0.6	0.6	100.0
Std. Error		3.1	4.0	1.6	0.9	3.0			
Number		1230	4189	273	91	1138	46	46	7013
Escapement Dates:	{August 25 - October 5}								
Sample Dates:	{August 25 - September 12}								
Male									
Sample Number		20	80	2	1	13		1	117
Percent		9.9	39.4	1.0	0.5	6.4		0.5	57.6
Std. Error		2.1	3.4	0.7		1.7			3.5
Number		930	3722	93	47	605		47	5444
Female									
Sample Number		3	67	1	3	12			86
Percent		1.5	33.0	0.5	1.5	5.9			42.4
Std. Error		0.8	3.3		0.8	1.7			3.5
Number		140	3118	47	139	558			4002
All Fish									
Sample Number		23	147	3	4	25		1	203
Percent		11.3	72.4	1.5	2.0	12.3		0.5	100.0
Std. Error		2.2	3.1	0.8	1.0	2.3			
Number		1070	6840	140	186	1163		47	9446
Combined Periods (Percentages are weighted by period escapements)									
Male									
Sample Number	1	182	598	36	25	143	1	4	990
Percent	0.1	11.2	36.9	2.1	1.6	8.7	0.1	0.3	60.9
Std. Error		0.8	1.2	0.4	0.3	0.7		0.1	1.2
Number	47	7713	25480	1466	1093	6004	46	186	42035
Female									
Sample Number		15	480	7	14	115		1	632
Percent		0.9	29.7	0.5	0.8	7.1		0.1	39.1
Std. Error		0.2	1.1	0.2	0.2	0.6			1.2
Number		645	20504	313	568	4923		38	26991
All Fish									
Sample Number	1	197	1078	43	39	258	1	5	1622
Percent	0.1	12.1	66.6	2.6	2.4	15.8	0.1	0.3	100.0
Std. Error		0.8	1.2	0.4	0.4	0.9		0.1	
Number	47	8358	45984	1779	1661	10927	46	224	69026

Appendix Table 161. Length composition of the Chilkoot Lake escapement of sockeye salmon by sex, age class, and escapement period, 1985.

		Brood Year and Age Class							
		1982	1981	1980		1979		1978	
		1.1	1.2	1.3	2.2	1.4	2.3	3.2	2.4
Escapement Dates: (June 7 - July 13)									
Sample Dates: (June 16 - July 11)									
Male	Avg. Length		537.0	577.5	430.0	632.0	575.9		
	Std. Error		26.1	4.6		14.6	5.3		
	Sample Size		5	42	1	5	29		
Female	Avg. Length			563.7	510.0		547.5		
	Std. Error			2.7			5.6		
	Sample Size			30	1		18		
All Fish	Avg. Length		537.0	571.7	470.0	632.0	565.0		
	Std. Error		26.1	3.0	40.0	14.6	4.4		
	Sample Size		5	72	2	5	47		
Escapement Dates: (July 14 - 27)									
Sample Dates: (July 16 - 27)									
Male	Avg. Length		455.5	577.2	448.0		578.0		
	Std. Error		6.6	4.2	19.1		4.6		
	Sample Size		19	51	5		15		
Female	Avg. Length		425.0	555.8		603.3	551.3		
	Std. Error		75.0	3.2		14.5	4.3		
	Sample Size		2	39		3	12		
All Fish	Avg. Length		452.6	567.9	448.0	603.3	566.1		
	Std. Error		8.1	3.0	19.1	14.5	4.1		
	Sample Size		21	90	5	3	27		
Escapement Dates: (July 28 - August 3)									
Sample Dates: (July 28 - August 2)									
Male	Avg. Length	320.0	458.3	573.3	457.5	610.0	571.0		602.5
	Std. Error		4.2	1.9	11.8	9.9	4.5		7.5
	Sample Size	1	51	171	6	7	21		2
Female	Avg. Length		503.8	554.9	500.0	586.7	552.5		
	Std. Error		5.5	1.6		12.0	2.9		
	Sample Size		4	131	1	3	28		
All Fish	Avg. Length	320.0	461.6	565.3	463.6	603.0	560.4		602.5
	Std. Error		4.2	1.4	11.7	8.3	2.8		7.5
	Sample Size	1	55	302	7	10	49		2
Escapement Dates: (August 4 - 10)									
Sample Dates: (August 4 - 10)									
Male	Avg. Length		476.7	578.9	476.3	577.0	575.0		
	Std. Error		6.7	2.4	8.3	27.1	3.6		
	Sample Size		30	80	8	5	20		
Female	Avg. Length		492.5	554.1	502.5	605.0	537.3		
	Std. Error		2.5	2.1	7.5	15.0	5.9		
	Sample Size		2	73	2	2	13		
All Fish	Avg. Length		477.7	567.1	481.5	585.0	560.2		
	Std. Error		6.3	1.9	7.5	19.7	4.5		
	Sample Size		32	153	10	7	33		
Escapement Dates: (August 11 - 17)									
Sample Dates: (August 11 - 17)									
Male	Avg. Length		472.3	577.7	493.5	598.0	577.5		
	Std. Error		5.2	2.2	8.6	14.0	4.8		
	Sample Size		33	128	10	5	34		
Female	Avg. Length		520.0	555.4		601.7	557.5		610.0
	Std. Error			1.9		4.4	4.7		
	Sample Size		1	94		3	18		1
All Fish	Avg. Length		473.7	568.2	493.5	599.4	570.6		610.0
	Std. Error		5.3	1.7	8.6	8.5	3.7		
	Sample Size		34	222	10	8	52		1
Escapement Dates: (August 18 - 24)									
Sample Dates: (August 18 - 24)									
Male	Avg. Length		473.1	580.9	477.5	630.0	572.7	470.0	595.0
	Std. Error		6.7	6.0	12.5	35.0	8.2		
	Sample Size		24	46	4	2	11	1	1
Female	Avg. Length		531.7	558.4	507.5		557.5		
	Std. Error		18.8	2.5	27.5		8.8		
	Sample Size		3	46	2		14		
All Fish	Avg. Length		479.6	569.6	487.5	630.0	564.2	470.0	595.0
	Std. Error		7.1	3.4	12.4	35.0	6.2		
	Sample Size		27	92	6	2	25	1	1
Escapement Dates: (August 25 - October 5)									
Sample Dates: (August 25 - September 12)									
Male	Avg. Length		473.3	589.4	460.0	630.0	588.5		630.0
	Std. Error		6.4	2.6	30.0		4.1		
	Sample Size		20	80	2	1	13		1
Female	Avg. Length		493.3	567.4	490.0	595.0	559.6		
	Std. Error		6.7	2.8		10.4	4.5		
	Sample Size		3	67	1	3	12		
All Fish	Avg. Length		475.9	579.4	470.0	603.8	574.6		630.0
	Std. Error		5.8	2.1	20.0	11.4	4.2		
	Sample Size		23	147	3	4	25		1
Combined Periods (Unweighted)									
Male	Avg. Length	320.0	469.3	578.4	471.9	607.8	576.5	470.0	607.5
	Std. Error		2.6	1.1	5.4	8.1	2.0		8.3
	Sample Size	1	182	598	36	25	143	1	4
Female	Avg. Length		496.3	557.6	502.9	597.9	552.0		610.0
	Std. Error		11.7	0.9	6.7	4.7	2.0		
	Sample Size		15	480	7	14	115		1
All Fish	Avg. Length	320.0	471.4	569.1	477.0	604.2	565.6	470.0	608.0
	Std. Error		2.6	0.8	4.9	5.5	1.6		6.4
	Sample Size	1	197	1078	43	39	258	1	5

Appendix Table 162. Daily and cumulative sockeye salmon weir counts from Chilkoot River weir, 1985.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June	7	4	4	.00	.00
June	8	4	8	.00	.00
June	9	3	11	.00	.00
June	10	0	11	0.00	.00
June	11	0	11	0.00	.00
June	12	0	11	0.00	.00
June	13	1	12	.00	.00
June	14	1	13	.00	.00
June	15	1	14	.00	.00
June	16	53	67	.00	.00
June	17	11	78	.00	.00
June	18	7	85	.00	.00
June	19	6	91	.00	.00
June	20	11	102	.00	.00
June	21	6	108	.00	.00
June	22	10	118	.00	.00
June	23	25	143	.00	.00
June	24	9	152	.00	.00
June	25	17	169	.00	.00
June	26	16	185	.00	.00
June	27	1	186	.00	.00
June	28	101	287	.00	.00
June	29	4512	4799	0.07	0.07
June	30	457	5256	0.01	0.08
July	1	0	5256	0.00	0.08
July	2	10	5266	.00	0.08
July	3	48	5314	.00	0.08
July	4	86	5400	.00	0.08
July	5	182	5582	.00	0.08
July	6	0	5582	0.00	0.08
July	7	47	5629	.00	0.08
July	8	75	5704	.00	0.08
July	9	63	5767	.00	0.08
July	10	74	5841	.00	0.08
July	11	135	5976	.00	0.09
July	12	58	6034	.00	0.09
July	13	11	6045	.00	0.09
July	14	66	6111	.00	0.09
July	15	49	6160	.00	0.09
July	16	126	6286	.00	0.09
July	17	98	6384	.00	0.09
July	18	167	6551	.00	0.09
July	19	126	6677	.00	0.10
July	20	178	6855	.00	0.10
July	21	156	7011	.00	0.10
July	22	432	7443	0.01	0.11
July	23	773	8216	0.01	0.12
July	24	176	8392	.00	0.12
July	25	291	8683	.00	0.13

-Continued-

Appendix Table 162. Daily and cumulative sockeye salmon weir counts from Chilkoot River weir, 1985 (continued).

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July 26	1231	9914	0.02	0.14
July 27	542	10456	0.01	0.15
July 28	1325	11781	0.02	0.17
July 29	3120	14901	0.05	0.22
July 30	3817	18718	0.06	0.27
July 31	3552	22270	0.05	0.32
August 1	3120	25390	0.05	0.37
August 2	1202	26592	0.02	0.39
August 3	3642	30234	0.05	0.44
August 4	1158	31392	0.02	0.45
August 5	1403	32795	0.02	0.48
August 6	1622	34417	0.02	0.50
August 7	946	35363	0.01	0.51
August 8	1256	36619	0.02	0.53
August 9	1815	38434	0.03	0.56
August 10	1632	40066	0.02	0.58
August 11	2422	42488	0.04	0.62
August 12	1559	44047	0.02	0.64
August 13	1623	45670	0.02	0.66
August 14	1905	47575	0.03	0.69
August 15	1504	49079	0.02	0.71
August 16	2411	51490	0.03	0.75
August 17	1077	52567	0.02	0.76
August 18	807	53374	0.01	0.77
August 19	3207	56581	0.05	0.82
August 20	1055	57636	0.02	0.83
August 21	649	58285	0.01	0.84
August 22	439	58724	0.01	0.85
August 23	468	59192	0.01	0.86
August 24	388	59580	0.01	0.86
August 25	254	59834	0.00	0.87
August 26	702	60536	0.01	0.88
August 27	580	61116	0.01	0.89
August 28	1003	62119	0.01	0.90
August 29	881	63000	0.01	0.91
August 30	611	63611	0.01	0.92
August 31	401	64012	0.01	0.93
September 1	312	64324	0.00	0.93
September 2	676	65000	0.01	0.94
September 3	658	65658	0.01	0.95
September 4	574	66232	0.01	0.96
September 5	238	66470	0.00	0.96
September 6	186	66656	0.00	0.97
September 7	173	66829	0.00	0.97
September 8	316	67145	0.00	0.97
September 9	356	67501	0.01	0.98
September 10	263	67764	0.00	0.98
September 11	320	68084	0.00	0.99
September 12	129	68213	0.00	0.99
September 13	103	68316	0.00	0.99
September 14	59	68375	0.00	0.99
September 15	127	68502	0.00	0.99
September 16	117	68619	0.00	1.00
September 17	105	68724	0.00	1.00
September 18	37	68761	0.00	1.00
September 19	20	68781	0.00	1.00
September 20	56	68837	0.00	1.00
September 21	18	68855	0.00	1.00
September 22	21	68876	0.00	1.00
September 23	17	68893	0.00	1.00
September 24	34	68927	0.00	1.00
September 25	20	68947	0.00	1.00
September 26	27	68974	0.00	1.00
September 27	13	68987	0.00	1.00
September 28	13	69000	0.00	1.00
September 29	2	69002	0.00	1.00
September 30	6	69008	0.00	1.00
October 1	6	69014	0.00	1.00
October 2	5	69019	0.00	1.00
October 3	1	69020	0.00	1.00
October 4	5	69025	0.00	1.00
October 5	1	69026	0.00	1.00
Mean Day of Migration = August 7			Variance = 287.76 Days squared	

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